## Section I: Introduction

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


## Section II: Admissions

## Overview

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

- How to Apply


## Freshman Admission

- Academic Preparation
- Advanced Placement and College-Level Courses


## Special Admissions Programs and Categories for Freshmen

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


## Transfer ( Advanced Standing Admission)

- Transfer Students: Regionally Accredited College or University
- Nondegree student transfers
- Tranferring Graduate Coursework
- Transfer Students from CUNY Community Colleges


## International Admission

- Criteria
- Non-English Speaking Applicants
- International Students Office


## Nondegree Students

- Nondegree Students


## Visiting Students

- Visiting Students


## Immunization Requirements

- Immunizations for Measles, Mumps and Rubella Meningococcal Disease
- Noncompliance of Immunization Requirements
- Immunization Requirement Form


## Senior Citizens

- Requirements to Audit Undergraduate Courses
- Auditing Courses


## Re-Admission

- Re-Admission


## Testing Requirements (CUNY Assessment Test (CAT))

- Degree Students and CUNY Proficiency Requirements
- Demonstrating Proficiency: Reading and Writing
- Demonstrating Proficiency: Mathematics
- Nondegree Students and CUNY Proficiency Requirements
- Mathematics Placement Test


## Opportunities for High School Students

- College Now
- College Credit Exams
- Advanced Placement
- International Baccalaureate Credit
- GCE
- CLEP


## Section III: Financial Aid \& Tuition

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

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


## Section IV: Academic Policies \& Procedures

- The Academic Program
- College Preparatory Initiative
- Policy on Remediation
- Grading Definition
- Academic Honors
- Regulations Published by the Hunter College Senate
- Academic Calendar and Sessions
- Appeals - Rules and Regulations
- Credit/ No Credit Policy
- Courses at Other Accredited Institutions (ePermit)
- Retention on the Basis of Grade Point Average and Probation
- Repeating Courses
- Incomplete Work in a Course
- Grading Policy for Nursing Courses
- Study Abroad Grading
- Graduation-in-Absentia
- Dismissal from the College and the City University
- Absence of Instructor
- Attendance Policies
- College Calendar: Schedule of Final Examinations
- Suspension of Classes
- Access to College Files
- Auditing
- Requirements for Graduation: Hunter Core and Major Field of Study
- New York State Rule for Liberal Arts and Sciences Courses
- New York State Education Department Policy Statement on Liberal Arts and Sciences:
- Types of Majors Offered for Bachelor's Degree
- Interdepartmental Majors
- Professional and Pre-Professional Majors: BS, BFA, BSW and BMus Degrees
- The Minor
- Accelerated Bachelor's/Master's Degrees
- Certificates
- Elective (or Optional) Credits
- General Rules about Courses
- Undergraduates Taking Graduate Courses


## Section V: Institutional Policies

- CUNY Policy on Academic Integrity
- Hunter College's Policy on Academic Integrity
- College Regulations
- Disclaimers and Statement of Rights
- Rules and Regulations for the Maintenance of Public Order
- Freedom of Information Law
- Equal Opportunity and Non-Discrimination Policy
- CUNY Sexual Misconduct Policy/Title IX
- CUNY Medical Withdrawal \& Re-Entry Policy \& Procedure Governing Dangerous Student Behavior
- Bylaws of the Board of Trustees
- The City University of New York Policy on Acceptable Use of Computer Resources


## Section VI: Student Rights and Responsibilities

## Student Appeals- Rules and Regulations

- Appeals - Rules and Regulations
- Special Appeals
- Appeals Process for Grades


## Policies for Students

- Attendance Policies
- College Calendar: Schedule of Final Examinations
- Withdrawal from Part of Program
- Unofficial Withdrawal
- Withdrawal from College


# Procedures for Handling Student Complaints about Faculty Conduct in Academic Settings 

- Introduction: Procedures for Handling Student Complaints about Faculty Conduct in Academic Settings
- Determination of Appropriate Procedure
- Informal Resolution
- Formal Complaint
- Appeals Procedure
- Subsequent Action
- Campus Implementation


## Section VII: Health \& Safety Policies and Procedures

- Drug-Free Schools and Campuses, Public Law 101-226
- Department of Public Safety
- Fire Safety Plan
- CUNY Sexual Misconduct Policy
- Health Regulations
- Notice of Access to Campus Crime Statistics, the Campus Security Report and Information on Registered Sex Offenders


## Catalog Home

## Welcome to Hunter College's Online Catalog

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

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

## Section VIII: Student Life

## Academic Services

- Reading/Writing Center
- Writing Across the Curriculum
- The Mary P. Dolciani Mathematics Learning Center
- The Leona and Marcy Chanin Language Center
- Physical Sciences Learning Center
- The Social Sciences Computing Laboratory
- The Hunter College Libraries
- The Registrar's Office
- The Office of the Bursar
- One Stop
- Honor Societies


## Student Services

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


## Other Services

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


## Special Academic Programs

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

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

## Pre-Professional Programs

1. Pre-Health Professions
2. Prelaw
3. Preparation for Social Work

Other Opportunities Program

1. Education Abroad Programs
2. Continuing Education

- The International English Language Institute (IELI)
- The English Language Training Institute at Hunter College (ELT Institute)
- The Writing Center through Continuing Education at Hunter College
- Parliamo Italiano


## Research Centers and Institutes

- Brookdale Center on Healthy Aging and Longevity
- The Center for Study of Gene Structure and Function
- The Center for Puerto Rican Studies


## Performing and Fine Arts Venues

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


## Section IX: Programs of Study

## Bachelor of Arts - BA

## Adolescent Biology, Grades 7-12-BA

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in biology.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

37 credits in Biology plus 33.5-36.5 credits in required additional science and math courses (total 70.5 to 73.5 credits). (see Biological Sciences for details of course requirements)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Hunter Core requirement .

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 21300 (STEM)
- 12 credits of foreign language
- 6 credits of art
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

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

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
$3 c r$.

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

The principles and practices for the assessment of learning and teaching in the classroom, grades $7-12$. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

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

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

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

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

## SEDC 22000 - Adolescent Health and Safety

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

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

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

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade
below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

## SEDC 45410 - Student Teaching in Biology, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified biology teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr.

## School of Education Exit Standards

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

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


## Adolescent Chemistry, Grades 7-12 - BA

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in chemistry.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

24-27 credits of chemistry plus 27 credits of biology, math and physics. (See Chemistry Major II for details of course requirements)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Hunter Core requirements

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 21300 (STEM)
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Course of Study

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

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

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

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

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

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

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12. prereq or coreq: SEDF 20300, 20400

3 hrs
3 cr .

## SEDC 22000 - Adolescent Health and Safety

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

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

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

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

## SEDC 45420 - Student Teaching in Chemistry, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified chemistry teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## School of Education Exit Standards

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

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


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

## List of Programs

- Adolescent Biology, Grades 7-12 - BA
- Adolescent Biology, Grades 7-12 - BA/MA
- Adolescent Chemistry, Grades 7-12 - BA
- Adolescent Chemistry, Grades 7-12 - BA/MA
- Adolescent Earth Science, Grades 7-12 - BA/MA
- Adolescent English, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12-BA
- Adolescent Mathematics, Grades 7-12 - BA/MA
- Adolescent Physics, Grades 7-12 - BA
- Adolescent Physics, Grades 7-12 - BA/MA
- Adolescent Social Studies, Grades 7-12 - BA
- Dance Pre-K - 12 - BA
- Dance Pre-K - 12 - BA/MA


## Progress Standards

1. Students must maintain a minimum overall GPA of 2.8 and an education sequence index of 2.8.
2. Any student who receives a grade of $B-, C+, C$ or $D$ in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
3. Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
4. Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
5. Any student who has more than two grades of IN will be permitted to register for only one course the following semester.
Students will be permitted to register for the second methods course in their subject area only after having met the following requirements:
6. Completion of 18 credits of study in the major subject area;
7. Approval of the major department adviser; and
8. Maintenance of an overall GPA of 2.8 and an education sequence index of 2.8.

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

## Admission Process

1. Students interested in applying to the Adolescent Education program should apply at the beginning of the semester prior to the semester in which they plan to enroll.
2. Students must participate in a group interview with several other students and School of Education faculty members.
3. Students must complete an on-site writing sample that the School of Education faculty will use to assess written English skills.

## Admission Requirements

Students who wish to enter the adolescent education sequence must meet all the criteria given below.

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

## Program Overview

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

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

## Content Knowledge

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

## Professional Knowledge

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

## Skills

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

## Creating Community

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

## Programs

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

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

## Transfer Students

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

## Adolescent English, Grades 7-12-BA

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek
advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in English.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

## Completion of the BA degree: Concentration in English: Preparation for Secondary School Teaching (39 cr)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Appendix I: Hunter Core Requirement. .

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 11300
- 9 credits in math, science and technology (must include one laboratory science course)
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

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

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

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
$2 c r$.

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

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

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

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

3 hrs
3 cr .

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


#### Abstract

Familiarizes prospective teachers with a wide variety of literature for or about young adults. Books discussed and dramatized during each session reflect diverse cultures, varying learning styles, and special needs of young adults. The English language arts standards are addressed as delineated in city and state regulations. Literacy and comprehension skills are explored as well. prereq or coreq: SEDF 20300, 20400 3 hrs 3 cr .


## SEDC 22000 - Adolescent Health and Safety

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

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

Methodology that facilitates the learning of English language arts for a diverse population in secondary schools. Teacher candidates will engage in ways of teaching adolescents the skills of reading, responding to literature, writing (creative and expository), listening, speaking, and applying grammar conventions. They will write lesson and unit plans and experiment with classroom management and assessment techniques as they present lessons to the class for peer and instructor criticisms. State and city teaching standards will be applied throughout the course.
prereq: SEDC 21100
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr .

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified English teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32100
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels. prereq: 12 credits of coursework
45 hrs
3 cr .

## School of Education Exit Standards

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

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


## Adolescent Mathematics, Grades 7-12-BA

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000 .
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in mathematics.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

33-credit major in mathematics Mathematics - BA plus one year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent).

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Common Core Requirement.

- ENG 120 and ENG 220
- Two courses selected from HIST 151, HIST 152 and GEOG 101
- STAT 213
- One science course with a lab component
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

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

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

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

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

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

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

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

## SEDC 22000 - Adolescent Health and Safety

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

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


#### Abstract

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


## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

## SEDC 45300 - Student Teaching in Mathematics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified math teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32300
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr.

## School of Education Exit Standards

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

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


## Adolescent Physics, Grades 7-12 - BA

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

- Minimum of at least 65 credits but no more than 90 credits.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Receive a grade of B or better in ENGL 12000.
- Have no more than 6 cr. of $\mathrm{CR} / \mathrm{NC}$ grades.
- Formal declaration of a major in physics.
- Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.


## Liberal Arts and Sciences Major Requirements

30-credit major in physics. (see Physics Option 1)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used toward the Common Core Requirement.

- ENG 120 and ENG 220
- Two courses selected from HIST 151, HIST 152 and GEOG 101
- STAT 213
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

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

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

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

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

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

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

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

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

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

## SEDC 22000 - Adolescent Health and Safety

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

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

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

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

## SEDC 45430 - Student Teaching in Physics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified physics teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600

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

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## School of Education Exit Standards

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

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


## Adolescent Social Studies, Grades 7-12 - BA

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

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

The Education course of study is a 27-credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \&

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

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in history.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Appendix I: Hunter Core Requirement. .

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 11300
- 9 credits in math, science and technology (must include one laboratory science course)
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of $F$ in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

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

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

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

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

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

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

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

## SEDC 22000 - Adolescent Health and Safety

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

## SEDC 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 712

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

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr .

## SEDC 45500 - Student Teaching in Social Studies, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified social studies teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32500
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .
SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.

## School of Education Exit Standards

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

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


## Adolescent Teaching Languages Other Than English, Grades

## 7-12 - BA

The BA program in Adolescent Teaching Languages Other Than English leads to initial certification as a teacher in New York State.

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major one of these languages: Chinese, French, Italian, or Spanish.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

Major in Chinese Language and Literature - BA, French - BA, Italian - BA or Spanish - BA.

## New York State Liberal Arts \& Science Distribution Requirement

These courses are required for School of Education students. Most of these courses may be used towards the Common Core Requirement.

- ENGL 12000 and ENGL 22000
- Two courses selected from: HIST 15100/HIST 15200/GEOG 10100
- STAT 11300
- 9 credits in math, science or technology with at least one science course with a lab component
- 6 credits in the arts
- One course that focuses on communication (see program adviser for acceptable courses)


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


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

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

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

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

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

## SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

```
The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
\(3 c r\).
```


## SEDC 22000 - Adolescent Health and Safety

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

## SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/ heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.
prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr .

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels. prereq: 12 credits of coursework
45 hrs
3 cr.

And One Student Teaching Course

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Chinese teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45220 - Student Teaching in French, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades $10-12$ under the supervision of a Hunter College faculty member and a certified French teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

## SEDC 45260 - Student Teaching in Italian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Italian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45280 - Student Teaching in Spanish, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Spanish teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .
School of Education Exit Standards

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

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


## Africana and Puerto Rican/Latino Studies

## BA in Africana and Puerto Rican/Latino Studies

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

## Hunter Core Requirements

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

## Appendix I: Hunter Core Requirement

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

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| AFPRL 20100 | World Culture and Global Issues (WCGI) | Major |
| AFPRL 20200 | World Culture and Global Issues (WCGI) | Major |
| AFPRL 20900 | World Culture and Global Issues (WCGI) | Major |

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

The major consists of 30 credits. Courses to be taken are as follows:
6 credits from among
AFPRL 20100 - African History from Human Origins to 1600 CE

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr .

## AFPRL 20200 - African History Since 1600 CE

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

Main currents of African history from 1600 CE to present
3 hrs
3 cr.

## AFPRL 20300 - African American History I

Pluralism and Diversity
PD/B
GER
2/B

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

## AFPRL 20400 - African American History II

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr .
AFPRL 20900 - Introduction to Caribbean History to 1900

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> Pluralism and Diversity <br> PD/A <br> GER <br> 2/B

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000

3 hrs
$3 c r$.

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

## Hunter Core <br> World Culture and Global Issues <br> Pluralism and Diversity <br> PD/A <br> GER <br> 2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 24100 - Puerto Rican History to 1897

```
Pluralism and Diversity
PD/A
GER
2/B
An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr .
```

AFPRL 24200 - Puerto Rican History Since 1898

Pluralism and Diversity
PD/A
GER
2/B

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

## 3 credits from

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

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

21 credits

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


## Minor in Africana and Puerto Rican/Latino Studies

The Department of Africana \& Puerto Rican/Latino Studies offers a 12-credit minor that requires students to successfully complete two 100/200 level courses and two 300/400 level courses.


#### Abstract

Honors

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


## Anthropology - BA

## BA in Anthropology

The anthropology major is designed to give students an overview of the discipline, as well as training in all four fields of the subject (archaeology, cultural anthropology and ethnology, anthropological linguistics and biological anthropology). The anthropology major consists of 25 credits [see table below]. To declare a major in anthropology, the student must have completed at least one course in anthropology with a C grade or better. In order to graduate with a major in anthropology, students must earn a C grade or better in all required courses and electives counted toward the major (effective for students declaring the major after September 1, 2007

## Foundational Courses

Students with no prior background in this academic field will need one 3 credit Foundational Course. This course must be be completed before embarking upon the major. Students will appropriate background may be exempted from some or all Foundational Courses. See department for proper placesment.

## ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

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

## 3 hrs

3 cr .
offered every sem.

## Hunter Core Requirement

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

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

| Course | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ANTHP 10100 (STEM)Life and Physical Sciences | Major |  |
| ANTHC 10100 | Individual and Society (SS) | Foundational |
| ANTHC 15100 | World Culture/Global Issues | Major |
| ANTHP 10200 <br> (STEM) | Scientific World | Major |
| ANTHP 10500 | Life and Physical Sciences | Major |
| ANTHC 12600 | World Culture/Global Issues | Major |

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

## Credits required for the major 25-28

Foundational Course (for students without background in the field) $=\mathbf{3} \mathbf{c r}$. Major in Anthropology

$$
=25 \mathrm{cr} .
$$

Biological Anthropology (4 cr.)
Linguistics ( 3 cr .)
Archaeology (3 cr.)
Research Design (3 cr.)
History of Anthr. Theory (3 cr.)
Electives (9 cr.)

Total for students without background in the field
$=28 \mathrm{cr}$.
Major 25 cr.
Major Requirements

## Biological Anthropology: Human Evolution or Human Variation (4 cr.)

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

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

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core <br> World Cultures and Global Issues (WCGI) <br> GER <br> 2/B

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

Archaeology: Intro to Prehistoric Archaeology (3 cr.)

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

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

## ANTHC 31400 - Research Design in Anthropology

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

## ANTHC 31800 - History of Anthropological Theory

```
Pluralism and Diversity
PD/D
GER
3/B
```

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

## Elective courses (9 cr.)

(selected from above fields)

## Total credits 25

## Minor in Anthropology

There are two new rules about the minor. First, the minor department controls the minor. Second, the minor is no longer a degree requirement.

## General Anthropology

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present. The minor consists of four courses for a total of 13 credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

The minor includes the following three required courses:

## ANTHC 10100 - Introduction to Cultural Anthropology

## Hunter Core <br> Individual and Society (Social Sciences) -I\&S SS <br> Pluralism and Diversity <br> PD/A <br> GER <br> 2/B

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

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core

World Culture and Global Issues (WCGI)
GER
2/B

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

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core

## World Cultures and Global Issues (WCGI) <br> GER <br> 2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .
Plus one additional course selected from the following two options:

## ANTHP 10100 (STEM) - Human Evolution

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## Minor in Linguistic Anthropology

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies. The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate adviser. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

## ANTHC 15100 - Introduction to Linguistics

```
Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B
```

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

## ANTHC 35100 - Language in Culture and Society

GER
3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

## ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

## Minor in Anthropological Archaeology

The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective. The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor. Only one non-ANTHC course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor.

ANTHC courses:

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

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

## ANTHC 12700 - Methods In Archaeological Science

```
Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
cr.
```

ANTHC 34600 - Analytic Methods in Archaeology

## GER

3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys. prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr.

Non-ANTHC courses

## ANTHP 10100 (STEM) - Human Evolution

## Hunter Core

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

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

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr .

## GEOG 10100 - People and Their Environment

Hunter Core<br>Individual and Society - Social Science<br>GER<br>2/B


#### Abstract

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


```
3 hrs
3cr.
offered fall and spring.
```


## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## Minor in Cultural Anthropology or Ethnology

The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that may be approved by the departmental undergraduate adviser. In order to graduate with a Cultural Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

## ANTHC 10100 - Introduction to Cultural Anthropology

## Hunter Core <br> Individual and Society (Social Sciences) -I\&S SS <br> Pluralism and Diversity <br> PD/A <br> GER <br> 2/B

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

## ANTHC 21500 - The Anthropology of Black America (W)

```
Pluralism and Diversity
PD/B
GER
3/B
```

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.

```
prereq: ENGL 12000
```

3 hrs
3 cr .

## ANTHC 27500-Reading Ethnographies (W)

## GER

3/B
Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## ANTHC 30100-Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B
Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 30900-Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
$3 c r$.
ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity
PD/A
GER
3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
$3 c r$.

## ANTHC 31800 - History of Anthropological Theory

```
Pluralism and Diversity
PD/D
GER
3/B
Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .
```


## ANTHC 32000 - Problems in Anthropology

## GER

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet $\mathrm{PD} / \mathrm{A}, \mathrm{B}$, or C .
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

## ANTHC 32200 - Family and Household in Anthropology and History

Pluralism and Diversity
PD/C
GER
3/B
Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100
3 hrs
3 cr .

## ANTHC 35100 - Language in Culture and Society

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr.

## ANTHC 40000 - Honors Projects

prereq: perm chair
offered every sem.

## Minor in Physical Anthropology

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology. The Minor consists of a minimum of 12 credits. These must include ANTHP 10100 (STEM) - Human Evolution (4 Cr). The remaining credits can be filled by any ANTHP courses. Also, one (and only one) non-ANTHP course from the following list may count towards the minor. In order to graduate with a Physical Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Required course for the minor

## ANTHP 10100 (STEM) - Human Evolution

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

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

## ANTHP 30100 - Human Fossil Record

Pluralism and Diversity
PD/C
GER
3/B
The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

ANTHP 30200 - Human Genetics

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

## ANTHP 31000 - Primate Ecology and Behavior

## GER

3/B
Examination of ecological factors responsible for the distribution and behavior of living primate species.
prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr .

## ANTHP 31100 - Primate Evolution

## GER

3/B
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

## ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
$3 c r$.

## ANTHP 31600 - Human Evolutionary Adaptations

## GER

3/B
How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
$3 c r$.

## ANTHP 40100 - Seminars in Selected Topics

Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr .

Non-ANTHP courses

## ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/B

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

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

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

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

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## PSYCH 16000 - Evolution and Behavior

## GER

2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

## Honors Work

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

## ANTHC 40000 Honors Project

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

## Interdepartmental Fields

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

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

## Courses with the prefix WGSL denote courses that can be taken under the area of concentration Labor, Migration and Globalization.

- WGSL 20600 - Gender and Immigration
- WGSL 20017 Globalization and Gender
- WGSL 31500 - Work and Society (W)
- WGSL 32100 - Women and Globalization
- WGSL 34500 - Women and Men in the Labor Market

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

- SOC 31500 Work and Society (W)
- ANTHC 32100 Women and Globalization
- ECO 34500 Women and Men in the Labor Market
- ENGL 32956 - Migration and Immigration in the $20^{\text {th }}$ Century
- SOC 32551 - Women and Work

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

## Art History - BA

## Art History- BA

The Department of Art and Art History offers introductory, intermediate and advanced courses in art history. The major consists of 3 credits in a foundational course and 30 credits in the major. No more than 15 credits transferred from another institution may be applied to the major.

The Art History BA is intended for students interested in a liberal arts education in the humanities or students planning to continue their art history studies in a graduate program. A broad range of courses from different fields, rather than specialization in one area, is encouraged. In order to declare a major in art history, students must have taken ARTH 11100. Majors who have completed 3 credits in art history beyond ARTH 11100 are eligible to take the required seminar, Research Methods of Art History ARTH 30000, to be programmed in consultation with an art history adviser.

Majors planning graduate study in art history should discuss with an art history adviser the requirements for graduate admission, including graduate language requirements; this should be done during an early semester.

Students may declare a double major in Studio Art (24 cr.)
Note: At least one class numbered ARTH 31100 (W) - ARTH 38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective)

## Required Courses for the BA in Art History

## Foundational Course

## ARTH 11100 - Introduction to History of Art

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

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

3 hrs
$3 \mathrm{cr} . \mathrm{cr}$
One course in each of four distribution areas 12 cr .

Note: Distributions can be met via 200-, 300- or 400- level courses.

## Distribution areas

(If in doubt, consult with an adviser)

1) Ancient and Medieval (including Egyptian, Greek, Roman)
2) Renaissance and Baroque (including 18th Century and Colonial Latin American)
3) Modern: $18^{\text {th }}, 19^{\text {th }}, 20^{\text {th }}$, and $21^{\text {st }}$ century (including Modern Latin American)
4) Islamic, Asian (including Indian, Chinese and Japanese) and African

ARTH 30000 Research Methods

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

GER
3/A

Training in fundamental methods of learning and writing about works of art through visual analysis and art-historical research, focusing on a particular area in art history, and culminating in a substantial academic research paper.
prereq: ARTH 11100 and one 200-level art history course
3 hrs
3 cr.
At least one Advanced Studies Seminar (41000-48000 level) 3 cr.
(Prerequisite: ARTH 30000 Research Methods) 3 cr.
ARTLA 3 cr.

ARTLA 10100 - Introduction to Study of Visual Experience

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio
Please note: ARTLA 10100, or any studio course taken for the Studio Art 24cr major, cannot count toward both the Studio Art (24cr) major and the Art History major. To replace the ARTLA 10100 requirement, Art History majors double-majoring in Studio Art ( 24 cr ) must choose a replacement course in consultation with the Art History adviser. The replacement course may be a Studio Course (ARTCR), an Art History course (ARTH), or a cognate in another department, such as Classics, Religion, or History.

## 3 additional courses 9 cr .

3 additional courses, from any of the department offerings in art history at the 200, 300 or 400 level

## Total 33 cr .

## Notes:

only grades of C and above can be counted toward the Art History major

## Graduate Study

The Department of Art and Art History offers a number of courses, listed in the Graduate Catalog http://catalog.hunter.cuny.edu/index.php?catoid=22, that may be credited toward the degree of bachelor of arts. Qualified undergraduate art history students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

## Minor in Art History

A minor in art history is also available consisting of 12 credits as follows: ARTH 11100 Introduction to the History of Art, followed by 9 credits selected from the other department offerings. No more than 6 credits transferred from another institution may be applied to the minor.

## Honors

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

## Biological Sciences

Return to: Biological Sciences-BA
The major in Biological Sciences has the following Concentrations:

- Basic (shown below)

Three other concentrations that are slightly more rigorous than the basic major. Interested students should speak with a biology adviser as soon as possible to plan their courses accordingly.

- Behavioral Neurobiology
- Bioinformatics
- Biophysics


## Foundational Courses

Foundational Courses for the Biology Major (all concentrations) must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major

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

## A. Introductory Biology (9 cr.)

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D

## GER

2/E

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

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

## Hunter Core

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## B. 200-level and higher Concentration in Biology ( 24.5 cr .)

## 1. Required Courses (13.5 cr.)

## BIOL 20300 - Molecular Biology and Genetics

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

```
prereq: Advisor permission; BIOL }10000\mathrm{ and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7rs
4 . 5 ~ c r .
spring only
```


## BIOL 30000 - Biological Chemistry

## GER

3/B

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

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

## BIOL 30300-Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction
to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

## 2. Electives (11 credits)

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

Together, introductory biology and the concentration ( 33.5 cr .) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

Additional science and math requirements for the major:

- CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), CHEM 22200, CHEM 22300, CHEM 22400
- PHYS 11000 (STEM), PHYS 12000 (STEM) (or PHYS 11100 (STEM), PHYS 12100 (STEM))
- MATH 15000 (STEM); MATH 15500 (STEM) or STAT 21300 (STEM)

Allied courses credits required: 37.5-44.5, including MATH 12500 (STEM) or placement test.

## Curriculum Guide for Biology Major

## Year 1

Fall

## CHEM 10200 (STEM) - General Chemistry I

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## Spring

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

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

## CHEM 10400 (STEM) - General Chemistry II

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

Year 2

Fall

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

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## CHEM 22300-Organic Chemistry Laboratory I

## GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## Spring

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

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

* or


## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
Year 3

Fall

## BIOL 30000 - Biological Chemistry

## GER

3/B

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

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

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

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

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

## Hunter Core

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

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

- 30000-level BIOL electives


## Spring

## BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for
examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

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

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra. prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

## Hunter Core

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

## GER

2/E

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

- 30000/40000-level BIOL electives


## Year 4

## Fall

- 30000 and 40000 -level BIOL electives
- 30000 and $40000-$ level BIOL electives


## Note(s)

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

## Biological Sciences - BA

The Department of Biological Sciences offers a single major for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. This Major is equivalent to and replaces the Major I program from previous years. Students planning to pursue a Biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology.

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

- Biological Sciences


## CR/NC Policy

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

## Minor for other Majors

The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests. In order to minor in Biological Sciences a student must pass four courses resulting in a minor GPA of 2.0 or higher. All students who want a Minor in Biological Sciences must take:

- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 20000 level or higher Number of Credits: A minimum of 12 credits. Transfer credits may be applied. At least 2 courses must be taken at Hunter College.


## Opportunities for Undergraduates in Biological Sciences

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

## Honors Work

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

## (a) at least 2 research credits of

## BIOL 48000 - Introduction to Experimental Biology

## GER

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.
prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.

## BIOL 48100 - Introduction to Experimental Biology

## GER

3/B

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

## BIOL 48200 - Introduction to Experimental biology

## GER

3/B

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

## BIOL 48300 - Introduction to Experimental Biology

## GER

3/B

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

## or (b) at least one course chosen from among

## BIOL 39000 - Laboratory in Cell Structure

## GER

3/B
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr .
fall only

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

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

- BIOL 61000 Workshop in Biotechnology


## Additional Information

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

This is an accelerated program leading to a BA in Biological Sciences and an MA in Adolescent Education: Biology. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the MA degree one year after they complete the requirements for the BA degree. Interested students should contact a Biology Department adviser early in their undergraduate career.

## BA/MA Program with Specialization in Biotechnology

In this five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic research, or public health. Successful completion of the biotechnology workshop, BIOL 61000, an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.

## BA/MS Program in Biological Sciences/Environmental and Occupational Health Sciences

This is an accelerated program leading to a BA in biology and an MS in environmental and occupational health sciences in five years. Biology majors admitted to the program start graduate work in their senior year. Interested students should contact a departmental adviser early in their undergraduate studies, as well as the office of the Director of the Environmental and Occupational Health Sciences Program at the CUNY School of Public Health at Hunter College. The program provides biology majors with a career option in public health.

## BS/MA Program in Medical Laboratory Sciences and Biotechnology

Qualified medical lab science seniors may apply to the BS/MA collaboration: Medical Laboratory Sciences with Specialization in Biotechnology - Accelerated BS/MA between the department of Medical Laboratory Sciences and the department of Biological Sciences. An intensive techniques workshop (BIOL 61000 -see the graduate catalog) is taken prior to graduation and upon successful completion, students may continue with professional internship and the MA program, allowing MLS graduates to complete the degree at an accelerated pace.

## MA Program in Biological Sciences

See Career Planning-Graduate Study.

## Biological Sciences: Concentration in Behavioral Neurobiology

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

## Required Courses

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

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

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

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

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## GER

3/B

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

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

## BIOL 30300-Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

## CHEM 10200 (STEM) - General Chemistry I

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22400-Organic Chemistry Lecture II

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

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

## Hunter Core

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

## GER

2/E

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

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .
PSYCH 25000 - Experimental Psychology: General

GER
3/B

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

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

## PSYCH 24800 - Statistical Methods in Psychological Research

## GER

3/B

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

Writing Intensive
PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
$4 c r$.

## BIOL 47000 - Special Topics in Biology

## GER

3/B
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

## BIOL 47100 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written
paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

## Electives

9 credits, 6 of which must be PSYCH

## PSYCH 30100 - Sensation and Perception (B; C)

## GER

3/B

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

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

## PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)

Pluralism and Diversity
PD/C
GER
3/B

Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

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

## PSYCH 32700 - Motivation and Emotion (B; C)

GER
3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

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

## PSYCH 36900 - Behavioral Pharmacology (B)

## GER

3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.
prereq: ENGL 12000,. PSYCH 24900 or 25000 , PSYCH 30000 or perm instr.
3 hrs
3 cr .

## BIOL 37000 - Physiology of the Nervous System

## GER

3/B
A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only

## BIOL 37600 - Endocrinology

GER
3/B
Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

## BIOL 38000 - Molecular Neurobiology

GER
3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling,
neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr .
fall only

## Total: 72.5 Credits

## Curriculum common to Behavioral Neurobiology Students (Biology/Psychology)

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

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

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

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

## Hunter Core

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior, ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

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

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.
PSYCH 10000 - Introduction to Psychology
GER
2/B

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

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

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


## PSYCH 24800 - Statistical Methods in Psychological Research

## GER

3/B

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

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr .

## PSYCH 25000 - Experimental Psychology: General

## GER

3/B

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

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of $C$
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr .

- Biology BN elective
- Psychology BN elective
- Independent Research
- Behavioral Neurobology Seminar*
* This interdisciplinary course will serve as a discussion group for research articles of current interest to the Neuroscience community; as a venue for student research presentations and as a venue at which visiting may meet informally with Neuroscience undergraduates.


## Schedule

A typical timetable for graduation is presented below.

## Fall (Year 1)

## CHEM 10200 (STEM) - General Chemistry I

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

Spring (Year 1)

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

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{C}$ or D<br>GER<br>2/E

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

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

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

## Pluralism and Diversity

GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

## PSYCH 10000 - Introduction to Psychology

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

## Fall (Year 2)

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

## Hunter Core

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .
Spring (Year 2)

## CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

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

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

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

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as
recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## Fall (Year 3)

## BIOL 30000 - Biological Chemistry

## GER

3/B

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

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

## PSYCH 24800 - Statistical Methods in Psychological Research

## GER

3/B

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

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam prereq or coreq: ENGL 12000
4 hrs
4 cr.
Spring (Year 3)

## BIOL 30300 - Cell Biology

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

7 hrs
4.5 cr
spring only

## PSYCH 25000 - Experimental Psychology: General

## GER

3/B

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

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr .

## BIOL 47000 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.
Fall (Year 4)
BIOL 38000 - Molecular Neurobiology

## GER

3/B

Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

## BIOL 37600 - Endocrinology

GER
3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

## PSYCH 30100 - Sensation and Perception (B; C)

GER
3/B

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

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

## PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)

Pluralism and Diversity
PD/C
GER
3/B

Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

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

3 hrs
3 cr .

## Sub-total 63.5

## Electives 9

Total credits required 72.5

## Biological Sciences: Concentration in Bioinformatics

Return to: Biological Sciences
The requirements and schedule for the Concentration in Bioinformatics, one of the options in Biological Sciences Major I, are as follows:

## Required Courses

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

## Hunter Core

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

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

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

## Hunter Core

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 30000-Biological Chemistry

## GER

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

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

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
$4 c r$.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
```


## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

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

## STAT 21200 - Discrete Probability

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec )
4.5 cr .

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

Hunter Core<br>Scientific World (SW) Life and Physical Sciences (LPS)<br>GER<br>2/E<br>For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000<br>8 hrs (4 lec, 3 lab, 1 rec)<br>5.5 cr .

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

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

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

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

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

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

## Electives (10 credits)

## ANTHP 30200 - Human Genetics

[^0]prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

## CHEM 38800 - Topics of Current Interest in Chemistry

## Pluralism and Diversity <br> GER 3/B <br> Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.

prereq or coreq: CHEM 35200 and CHEM 35600 or perm instr.
3 hrs
3 cr .

## BIOL 42500 - Computational Molecular Biology

## GER

3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

## BIOL 47100 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

## Total Credits (72 to 74 credits)

## Schedule

A typical timetable for graduation is presented below.

## Fall (Year 1) 11.5 credits

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

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

## CHEM 10200 (STEM) - General Chemistry I

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

Spring (Year 1) 14.5 credits
BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core

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

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

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

```
prereq: grade of C or better in MATH 15000
```

4 hrs
4 cr .

Fall (Year 2) 12 credits

## CHEM 22200-Organic Chemistry Lecture I

```
GER
GER 3/B
```

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

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

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat,
and Sound
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra. prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

Spring (Year 2) 7.5 credits

## CHEM 22400 - Organic Chemistry Lecture II

## GER

GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

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

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

## Fall (Year 3) 10.5 credits

## BIOL 30000 - Biological Chemistry

## GER

3/B

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

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

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

## Hunter Core <br> Scientific World (SW) <br> GER <br> 2/E

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

## STAT 21200 - Discrete Probability

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## Spring (Year 3) 6 credits

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

## GER

3/B
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .
Fall (Year 4) 5 credits

- BIOL 3XX


## BIOL 47100 - Special Topics in Biology

## GER

3/B
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.
Spring (Year 4) 5 credits

## ANTHP 30200 - Human Genetics

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

BIOL 47100 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

## Biological Sciences: Concentration in Biophysics

Return to: Biological Sciences

The requirements and timetable for graduation for the Concentration in Biophysics, one of the options in the Biological Sciences Major I, are as follows:

## Required Courses

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

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

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

BIOL 10200 (STEM) - Principles of Biology II

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 30000 - Biological Chemistry

## GER

3/B

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

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

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
$4 c r$.

## CHEM 10400 (STEM) - General Chemistry II

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22400-Organic Chemistry Lecture II

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .
MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

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

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.

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

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

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

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

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

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

## PHYS 33000 - Atomic and Nuclear Physics

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

## PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
$4 c r$.

## PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr .

## Electives (any 2)

## BIOL 39000 - Laboratory in Cell Structure

## GER

3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr .
fall only

## BIOL 47000 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr . per sem.

## MATH 25400 - Ordinary Differential Equations

## GER

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .
Total Credits (77.5 to 79.5 credits)

## Schedule

A typical timetable for graduation is presented below.

## Fall (Year 1) 11.5 credits

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

## CHEM 10200 (STEM) - General Chemistry I

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## Spring (Year 1) 14.5 credits

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

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.
Fall (Year 2) 13 credits

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better

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

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

```
Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E
For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.
```

Spring (Year 2) 12.5 credits

## CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

MATH 25000-Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.
PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

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

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## Fall (Year 3) 8.5 credits

## BIOL 30000-Biological Chemistry

## GER

3/B

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

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

## PHYS 33000 - Atomic and Nuclear Physics

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

## Spring (Year 3) 8.5 credits

## PHYS 33600-Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
$4 c r$.

## Fall (Year 4) 4 credits

## PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
$4 c r$.

## Spring (Year 4) 5 credits

## BIOL 39000 - Laboratory in Cell Structure

## GER

3/B
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr.
fall only

## BIOL 47000 - Special Topics in Biology

## GER

3/B
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

## Chemistry - BA

## Major


#### Abstract

There are two chemistry majors: Major I, a 43-credit concentration in addition to an 11-credit general chemistry core, is designed to prepare the students with intensive training for professional research and graduate study. Major II consists of three options: Option 1 for students interested in the chemical industry; Option 2 (the biochemistry option) for students interested in the pharmaceutical industry, medicine, dentistry, veterinary medicine or physical therapy; Option 3 (bioinformatics option) for students interested in graduate studies in biochemistry and bioinformatics as well as pharmaceutical and biotechnology industry. Major II includes a minimum concentration of 28 credits (option 1), 26 credits (option 2), and 20.5 credits (option 3) in 200-level and above chemistry courses, in addition to an 11 -credit general chemistry core. Options 1-3 are all appropriate for students pursuing teacher education programs.

Students considering a chemistry major should consult the departmental adviser during their first semester to plan the proper sequence of courses, and they are urged to consult with the adviser at least once each succeeding semester. A year of General Chemistry and the accompanying General Chemistry Laboratory are prerequisites for admission to both Major I and Major II.


- Chemistry Major I
- Chemistry Major II


## Minor in Chemistry

A minor in Chemistry consists of a pre-requisite year of General Chemistry with laboratory (CHEM 10200 (STEM) through CHEM 10600 (STEM) or equivalent, 9 credits), and a minimum of 14 credits of coursework. Note that MATH 12500 is a co-requisite to General Chemistry. The minimum of 14 credits include the following required courses below. In addition, students will be required to take at least 5.5 credits of electives selected from Chemistry offerings numbered 200 or above, excluding CHEM 29101.

Prerequisite year of General Chemistry (note that MATH 12500 (STEM) is a prerequisite to General Chemistry)

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>\section*{GER}<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

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

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10300 (STEM) - General Chemistry Laboratory I

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

## CHEM 10500 (STEM) - General Chemistry Laboratory II

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.
    or
```


## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
and a minimum of 14 credits of coursework which include the following required courses:

## CHEM 22200-Organic Chemistry Lecture I

```
GER
GER 3/B
```

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

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


## CHEM 22300-Organic Chemistry Laboratory I

## GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## CHEM 22400-Organic Chemistry Lecture II

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
In addition, students will be required to take at least 5.5 credits of electives selected from Chemistry offerings numbered 200 or above, excluding

## CHEM 29101 - Chemical Investigations

## Pluralism and Diversity

GER 3/B
Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
4 hrs
1 cr .

## Honors Work

Opportunity for an individual research experience is provided by an honors course

## CHEM 49101 - Introduction to Research

## Pluralism and Diversity

GER 3/B
Open to Jr/Sr only. Similar to CHEM 29101. Written report required. Fulfills requirement for departmental honors course.

## CHEM 49102 - Introduction to Research


#### Abstract

Pluralism and Diversity GER 3/B Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Similar to CHEM 29102. Written report required. Fulfills requirement for departmental honors course.


prereq: CHEM 22400, 35400, 34900, perm chair
8 hrs
2 cr .

## Electives

Advanced lecture courses in special areas of chemistry, and lab courses providing training in inorganic and organic chemistry and in research techniques, are offered as electives for Major I and are open to students enrolled in Major II who have fulfilled the course prerequisites.

## Graduate Study

Qualified chemistry majors may be admitted to 700 -level courses in the graduate program. Permission of the department is required.

## Preparation for Teaching

In cooperation with the School of Education, the Department of Chemistry provides opportunities for students to prepare for careers in teaching at the elementary and secondary level in the area of chemistry. Chemistry Major II, Option I (37 credits) and Option 2 ( 35 credits) both satisfy the requirements for New York State certification for teachers of chemistry in Childhood Education (Grades 1-6) and Adolescent Education (Grades 7-12). See Childhood Education (QUEST) Grades 1-6-BA and Adolescent Chemistry, Grades 7-12 - BA. For students pursuing certification as chemistry teachers at the secondary level, the 26 -credit adolescent education sequence is appropriate. Students who want to qualify for New York City licensing and New York State certification for teaching in secondary schools should consult the The School of Education section of this catalog for additional requirements.

## Chemistry Major I

Return to Program and Courses in Chemistry

## Foundational Courses

Foundational Courses include courses in chemistry and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

In the case of the Chemistry Major I, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MATH 12500 | Math \& Quantitative ReasoningFoundational |  |
| CHEM 10200 (STEM) Scientific World | Foundational |  |
| CHEM 10400 (STEM) Scientific World | Foundational |  |
| CHEM 10600 (STEM) Life and Physical Sciences | Foundational |  |
| CHEM 11100 (STEM) Life and Physical Sciences | Foundational |  |
| CHEM 11200 (STEM) Scientific World | Foundational |  |

## The major consists of a minimum of 43 credits

The requirements for this major consist of a minimum of 43 credits in chemistry. This major is recommended for students preparing for admission to graduate school or for careers in chemical research. It will also be useful to students seeking a position in the chemical or allied industries, as it is accredited by the Committee on Professional Training of the American Chemical Society.

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## CHEM 22300-Organic Chemistry Laboratory I

## GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

```
prereq: CHEM 10500 or CHEM 10600
```

prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## CHEM 22400-Organic Chemistry Lecture II

## GER <br> GER 3/B

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

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

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

## CHEM 22500-Organic Chemistry Laboratory II

## GER

3/B
Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

## CHEM 24900-Quantitative Analysis

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (4 lab, 1 rec )
3 cr .

## CHEM 34900 - Instrumental Analysis

## Pluralism and Diversity

GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

```
prereq: CHEM 35400 or 35600 with grade of C or better with 35500
```

8 hrs (2 lec, 6 lab)
5 cr

## CHEM 35200-Physical Chemistry I

## GER

3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
prereq: CHEM 24900, MATH 15500, PHYS 12100 all with grade of C or better
3 hrs
3 cr.
offered fall

## CHEM 35400-Physical Chemistry II - F

## Pluralism and Diversity

GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr .
offered fall
-or-

## CHEM 35600-Physical Chemistry II - S

GER
GER 3/B
Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr .
offered spring
-with-

## CHEM 35500-Physical Chemistry Laboratory I

GER
3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900

3 hrs
1.5 cr .
offered fall

## CHEM 35700-Physical Chemistry Laboratory II

```
Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring
```


## CHEM 36600-Inorganic Chemistry

## GER

GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.
prereq: CHEM 35200 with grade of C or better
3 hrs
3 cr .

## CHEM 37600-Biochemistry I

GER
3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 39000 - Current Laboratory Methods in Chemistry

```
Pluralism and Diversity
GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific
topic will be listed in the schedule of classes for a given semester.
prereq or coreq: CHEM 35700 or perm instr.
4 hrs
2cr.
```


# One further laboratory course must be chosen from (research), (honors research) or the following 

## CHEM 29102 - Chemical Investigations

Pluralism and Diversity
GER 3/B

Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
8 hrs
2 cr .
-or-

## CHEM 49102 - Introduction to Research

Pluralism and Diversity
GER 3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Similar to CHEM 29102. Written report required. Fulfills requirement for departmental honors course.
prereq: CHEM 22400, 35400, 34900, perm chair
8 hrs
2 cr .
-or-

## CHEM 37800 - Biochemistry Laboratory

GER
3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.
prereq: CHEM 22300 and CHEM 37600 or CHEM 64000
5 hrs (4 lab, 1 rec)
3 cr.
In addition, one additional lecture course must be chosen from among the following:

## CHEM 32200-Organic Chemistry Lecture III

## GER

3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.
prereq: CHEM 22400 with grade of C or better, perm instr.
3 hrs
$3 c r$.

## CHEM 35400-Physical Chemistry II - F

```
Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3cr.
offered fall
```


## CHEM 35600-Physical Chemistry II - S

## GER

GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr .
offered spring

## CHEM 37700-Biochemistry II

GER
3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
3 cr .

## Also acceptable for completion of Major I are

## PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr .
-or-
PHILO 36200 - Theory of Knowledge (W)

GER
3/A

Study of origin, structure, methods and foundations of human knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.
-or-

PHILO 37900 - Philosophy of Science (W)

GER
3/B

Study of foundations of knowledge in natural and social sciences. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## Additional Information

Students should be aware, however, that if either of the philosophy courses is used to complete the Major I requirements, the major will not be eligible for accreditation by the American Chemical Society.

One year of physics, and four semesters of mathematics, are also required for this major

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

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

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

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

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

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100

```
prereq or coreq: (with perm dept.): MATH 15500
```

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

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

## MATH 25000-Calculus with Analytic Geometry III

## GER

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.

## MATH 25400 - Ordinary Differential Equations

## GER

3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .
-or-

## MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
$4 c r$.

## Additional Information

CHEM 24900, MATH 15000 (STEM) and MATH 15500 (STEM), and PHYS 12100 (STEM) are prerequisites for CHEM 35200 and should be completed by the end of the sophomore year.

Major I is required of all students who wish to be considered for certification by the American Chemical Society upon graduation. It is recommended for all students intending to enter the profession of chemistry through either graduate study or employment in industry or government. Students who can attend only in the evenings should consult the department adviser regarding the feasibility of completing Chemistry Major I.

## Chemistry Major II

## Return to Programs and Courses in Chemistry

## Foundational Courses

Foundational Coures include courses in chemistry and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.
Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Chemistry Major II, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MATH 12500 | Math \& Quantitive Reasoning | Foundational |
| CHEM 10200 (STEM) | Scientific World | Foundational |
| CHEM 10400 (STEM) | Scientific World | Foundational |
| CHEM 10600 (STEM) | Life and Physical Sciences | Foundational |
| CHEM 11100 (STEM) | Life and Physical Sciences | Foundational |
| CHEM 11200 (STEM) | Scientific World | Foundational |

## General Chemistry Core:

One year of General Chemistry Lecture and Laboratory

## CHEM 10200 (STEM) - General Chemistry I

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

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

## GER

2/E

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3cr.
        or its equivalent
    -or-
```


## CHEM 11100 (STEM) - Chemical Principles

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

## CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

## Hunter Core

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

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

## Option 1:

For students interested in a career in the chemical industry. It consists of a minimum of 28 credits in chemistry above the introductory level and an 11-credit general chemistry core for a minimum total of 39 credits of chemistry. One year of physics and three semesters of calculus are also required.

## Required chemistry courses:

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

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

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


## CHEM 22300-Organic Chemistry Laboratory I

## GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of $C$ or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22500-Organic Chemistry Laboratory II

## GER

3/B
Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

## CHEM 24900-Quantitative Analysis

GER
GER 3/B
A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and
fluorescence.
prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (4 lab, 1 rec )
3 cr.

## CHEM 35200-Physical Chemistry I

## GER

3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
prereq: CHEM 24900, MATH 15500, PHYS 12100 all with grade of C or better
3 hrs
3 cr.
offered fall

## CHEM 35400-Physical Chemistry II - F

## Pluralism and Diversity

GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr .
offered fall
-or-

## CHEM 35600-Physical Chemistry II - S

GER
GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr .
offered spring

## CHEM 35500 - Physical Chemistry Laboratory I

GER
3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900

```
prereq or coreq: CHEM 35200
```

3 hrs
1.5 cr .
offered fall

## CHEM 35700 - Physical Chemistry Laboratory II

```
Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring
```


## Required elective course:

- Any chemistry course at the 300 level or above excluding CHEM 49101 .


## Required allied courses:

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

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

MATH 25000 - Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.

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

## Hunter Core

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

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

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

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec )
5.5 cr .

## Option 2 (Biochemistry option):

For students preparing for admission to medical, dental, veterinary schools or physical therapy programs, or for students interested in a career in the pharmaceutical industry. It consists of a minimum of 26 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 37 credits of chemistry. One year of physics, one year of biology and one year of calculus are also required.

## Required chemistry courses:

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

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

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

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

CHEM 22300-Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

```
prereq: CHEM 10500 or CHEM 10600
```

prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500-Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
$2.5 c r$

CHEM 35000-Biophysical Chemistry

Pluralism and Diversity
GER 3/B

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr

## CHEM 37600-Biochemistry I

## GER

3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

```
prereq: CHEM 22400 with grade of C or better
```

4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 37700-Biochemistry II

## GER

3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
3 cr .

## CHEM 37800-Biochemistry Laboratory

## GER

3/B
A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.
prereq: CHEM 22300 and CHEM 37600 or CHEM 64000
5 hrs (4 lab, 1 rec)
3 cr .

## Required elective course:

Any chemistry course at the 300 level or above excluding CHEM 49101 Introduction to Research Also acceptable CHEM 24900 Quantitative Analysis

## Required allied courses:

BIOL 10000 (STEM) - Principles of Biology I

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

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

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

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER

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

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

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

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra. prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## Option 3 (Bioinformatics option):

For students interested in graduate studies in biochemistry and bioinformatics as well as the pharmaceutical and biotechnology industry. In order to enroll in this Option, students must earn an average grade of B- or above in CHEM 10400 (STEM), CHEM 22200, BIOL 10000 (STEM), and MATH 15000 (STEM). In addition, no more than one C grade is allowed in these four courses to declare Option 3. This option consists of a minimum of 20.5 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 32 credits of chemistry. Three semesters of biology, one year of physics, one year of computer science, one year of calculus, and one semester of statistics are also required.

## Required chemistry courses:

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22500-Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
$2.5 c r$

## CHEM 35000-Biophysical Chemistry

Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr

## CHEM 37600-Biochemistry I

GER
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr

## CHEM 37700 - Biochemistry II

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
$3 c r$.

## Required allied courses:

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

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

## Hunter Core

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

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

```
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
```

4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

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

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

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

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the

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

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

## GER

3/B
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr.

## Childhood Education (QUEST) Grades 1-6 - BA

The Childhood Education, Grades 1-6, undergraduate teacher education program prepares students to become New York State certified teachers of childhood education.

This program is committed to the preparation of urban elementary school teachers who can deal effectively with the wide range of diverse learning needs found among the City's students. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

This is a 36 -credit program in which students have an option to complete the course of study over four or six semesters.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can
be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admissions Requirements

- 30 credits in liberal arts and sciences (Students may apply to QUEST if the total of their completed credits plus credits in which they are currently enrolled is at least 30 credits.)
- Minimum GPA of 3.0.
- Prerequisite for MATH 10400 (STEM): either a score high enough on the CUNY COMPASS to be placed in MATH 10400 (STEM) or completion of MATH 10100.
- ENGL 12000 (or a 200- or 300-level writing course), with a grade of B or better.
- Declaration of an appropriate liberal arts and sciences major.
- Transfer students may enter the program with 40 to 72 credits. (Students with more than 72 credits should complete their liberal arts and sciences major and apply to the master's degree program in childhood education.)
- Transfer students with 60 or more credits, a GPA of 3.3 or better and a grade of B or better in ENGL 12000 do not have to present Hunter College grades. Transfer students with GPAs below 3.3 will have to complete 12 credits of coursework at Hunter College with a GPA of at least 3.0 before a final decision will be made on their application to the School of Education.


## Liberal Arts \& Sciences Major Requirement

All students in School of Education programs must also declare a major in the School of Arts \& Sciences. This major must lead to a BA degree.

See the School of Arts \& Sciences for more information on major options.

## New York State Liberal Arts \& Sciences Distribution Requirement

Teachers in elementary schools are required to teach all subject areas in the curriculum and thus need a broad liberal arts background in addition to specialized knowledge of teaching. Therefore, students will be required to complete the following liberal arts and sciences courses, or their equivalent (most of these courses can be taken within the Hunter Core requirements).

These courses require a grade of C or better.

- ENGL 12000 - Expository Writing
- ENGL 22000 - Introduction to Writing about Literature (W)
- GEOG 10100 - People and Their Environment
- HIST 15100 - The United States from the Colonial Era to the Civil War (W)
- HIST 15200 - The United States from the Civil War Era to the Present (W)
- MATH 10400 (STEM) - Mathematics for Elementary Education I
- MATH 10500 - Mathematics for Elementary Education II
- Two semesters of science, at least one of which is a laboratory science,*
- 6 credits in the arts (courses in ARTCR, ARTH, FILM, MUSHL, THEA)**
- At least 6 credits in the study of a language other than English

Two additional courses that are required for students in the childhood education program are

- HED 31400 - Health Education for the Classroom Teacher
- SPED 30800-Teaching Students with Special Needs in Inclusive Settings

Note(s)

* Computer Science does not count as a science course in meeting this requirement.
** Courses in FILMP, MEDIA, and MEDP do not meet the arts requirements.


## Academic Progress Standards

Students must meet the following criteria in order to continue in the program:

- Students must maintain a GPA of at least 3.0.
- Students must receive grades of C or better in required coursework in liberal arts and sciences and in QUEST courses that do not include fieldwork. QUEST fieldwork courses require a grade of B or better. All QUEST courses are repeatable once by students who have received a grade of $\mathrm{C}-, \mathrm{D}+$ or D in a non-fieldwork course or a grade below B in a fieldwork course. Students must officially reregister for these courses. Students who receive an F in any course or a $\mathrm{D}+$ or D in fieldwork may not continue in the program.
- In order to register for QSTA 40600 - Mathematics Teaching and Learning in Elementary School, students must have completed MATH 10400 (STEM) and MATH 10500. With the approval of the program coordinator, transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 (STEM) and registering for MATH 10500 if their progress through the QUEST program would be delayed by the requirement for MATH 105 as a prerequisite.
- In order to register for QSTA 41400 - Teaching Science in Elementary Schools, students must have completed two courses in science, at least one of which must be a laboratory science.
- In order to register for QSTA 41200 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools, students must have completed HIST 15100 and HIST 15200, or one of these courses plus GEOG 10100.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## Six-Semester Track

## Semester 1

## HED 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .

## QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr .

## Semester 2

## QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
$2 c r$.
QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

## Semester 3

## QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
2 cr .

## QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, QSTAB 30100
2 hrs
2 cr.

## QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200
75 hrs
1 cr .

## Semester 4

## QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.

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prereq: QSTA 41000, 41200, QSTAB 30100
```

coreq: QSTA 40600, QSTF 30200
2 hrs
$2 c r$.

## QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.
Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
$2 c r$.

## QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr .

## Semester 5

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .

## QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr.

## Semester 6

## QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
coreq: QSTA 41500
2 hrs
2 cr .

## QSTA 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400

## Four-Semester Track

## Semester 1

## HED 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .

## QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr.

## QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
$2 c r$.

## QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000

2 hrs
2 cr .

## QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

## Semester 2

## QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

## QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
2 cr .

## QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000

2 hrs
2 cr .

## QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200
75 hrs
1 cr.

## Semester 3

## QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr .

## QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.
Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
2 cr .

## QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr .

## Semester 4

## QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.

```
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
```

coreq: QSTA 41500
2 hrs
$2 c r$.

## QSTA 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars +
conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400
coreq: QSTA 41400
2 per week of seminar plus student teaching
4 cr.

## School of Education Exit Standards

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

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


## Chinese Language and Literature - BA

Return to Classical and Oriental Studies

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## CHIN 10100 - Elementary Chinese I

## Hunter Core

World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr .
offered fall

## CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr .
offered spring
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major

The major in Chinese language and literature consists of 24 credits chosen from the following CHIN-prefixed courses:

## CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabularybuilding.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

## CHIN 20200 - Intermediate Chinese II

Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr .
offered spring

## CHIN 30100 - Journalistic Chinese Literature I

```
Intensive reading of literature and essays written in journalistic style.
prereq: CHIN 20200 or equiv.
3 hrs
3cr.
offered fall
```


## CHIN 30200 - Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3 cr .
offered spring

## CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr .
offered fall

## CHIN 30400 - Classical Chinese Literature II

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style. prereq: CHIN 303 or equiv.
3 hrs

$$
3 \mathrm{cr} .
$$

offered spring

## CHIN 30700 - Classical Chinese Poetry

```
Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs
3cr.
```


## CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation. prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr .

## CHIN 40200 - Independent Study in Chinese Literature

Independent study and research in Chinese literature under supervision of a faculty member.
For majors only.
prereq: CHIN 40100, perm chair
3 hrs
3 cr .

## Preparation for Teaching Chinese in Grades 7-12

Students preparing to teach Chinese must complete a 30 -credit major option for teaching that includes the 24 -credit sequence taken by non-teaching majors plus 9 additional credits: CHIN 39900 and 6 credits in Chinese language and literature at the 300 or 400 level. Students interested in teaching Chinese in New York schools should take the 23 -credit pedagogical sequence for grades $7-12$; this sequence may count toward the course requirements for New York State certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the The School of Education.

## Minor in Chinese

The minor in Chinese consists of 12 credits. Students must take 4 courses at or above the CHIN 200 level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count toward the minor. Consult the Chinese program adviser for appropriate course recommendations.

## Advanced Placement and Exemptions

Students who elect to take Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions. The Chinese program does not offer proficiency tests.

## Electives

All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

## Chinese: Other Courses

## Language Courses

## CHIN 10100 - Elementary Chinese I

```
Hunter Core
World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign
Language Requirement
3 hrs
3 cr
offered fall
```


## CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

## CHIN 10500 - Chinese Writing System and Calligraphy I

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours
3 credits
offered fall

## CHIN 10600 - Chinese Writing System and Calligraphy II

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters
prereq: CHIN 10500 or equivalent
3 hours
3 credits
offered spring

## CHIN 30600-20th-century Chinese Literature

Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.

## CHIN 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
$3 c r$.

## Chinese Culture and Literature in Translation

## CHIN 11100-Chinese Culture I

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
cr.
```


## CHIN 11200 - Chinese Culture II

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
3 cr.

## CHIN 21100 - Topics in Chinese Culture

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.
3 hrs
3 cr .

## CHIN 25100 - Topics in Chinese Literature in English Translation (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3cr.
```


## CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr .

## CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period. prereq: ENGL 12000
3 hrs
3 cr .

## Classical Archaeology (Interdepartmental) - BA

Return to Classical and Oriental Studies

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## ENGL 12000 - Expository Writing

## Hunter Core

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.
Hunter Core Requirement

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

## BA in Classical Archaeology (Interdepartmental)

## 24 credits from the interdepartmental course pool, including

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/C<br>Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000<br>3 hrs<br>3 cr .

CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A
Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

CLA 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .

CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr .
fall only

- with a corequisite of 12-14 credits of Greek or Latin.


## Additional Information

Offered within the interdepartmental archaeology major.

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

## Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

## Courses in Archaeology

## CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400

3 hrs
3 cr .

## CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii
and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
cr.
fall only
```


## CLA 22500 - Archaeology of Egypt (W)

## Pluralism and Diversity

PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22700 - Archaeology of Eastern Mediterranean (W)

## Pluralism and Diversity

PD/A
GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .
CLA 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400

3 hrs
3 cr.

## CLA 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary. prereq: ENGL 12000, two courses in classical archaeology
3 hrs
3 cr .

## CLA 33000 - Field Seminar in Archaeology

Open to majors only. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
prereq: ENGL 12000, perm dept.
6 cr. maximum

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

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

## ANTHC 12700 - Methods In Archaeological Science

```
Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3cr.
```

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

## ANTHC 22700 - Archaeology of Europe

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
ANTHC 23100-Archaeology of Mesoamerica

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.

3 hrs
3 cr .

## ANTHC 42600 - Seminar in Archaeological Field Methods

## Pluralism and Diversity

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## Minor in Classical Archaeology

## 12 Credits

1. CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
2. CLA 22100-Greek Archaeology (W)
3. CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)
4. One other course in Classical Archaeology at the 200- or 300-level.

Note: CLA 20400 is a prerequisite for all other Classical Archaeology courses.

## Classical Studies - BA

Return to Classical and Oriental Studies

## 12 credits of Greek or 12 credits of Latin, including

## GRK 10100 - Beginning Greek

## Hunter Core

```
World Culture and Global Issues (WCGI)
For credit policy on GRK }10100\mathrm{ without GRK }10200\mathrm{ please see Appendix II: Foreign Language Requirement.
3 hrs
cr.
offered fall
```


## GRK 10200 - Beginning Greek

```
3 hrs
3cr.
offered spring
    or
```

LAT 10100 - Beginning Latin

```
Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT }10100\mathrm{ without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3cr.
offered fall
```


## LAT 10200 - Beginning Latin

## 3 hrs.

3 cr .
offered spring

## LAT 10700 - Beginning Latin, Intensive

6 hrs
6 cr.
usually offered spring and summer

## 12 credits of Classics courses given in English (CLA prefix), including two courses at the 300 level

Note: CLA 10100 and CLA 11000 do not count toward the major.

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

## Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

## Classics: Minors

## Classical Studies

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100 , CLA 20100 and CLA 20300 have no prerequisites

## Classical Archaeology

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

## Greek

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200

## Latin

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

## Courses in Classical Studies

## CLA 10100 - Classical Mythology

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

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr .

## CLA 11000 - The Greek and Latin Roots of English

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr .

## CLA 20100-Greek Civilization (W)

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

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs
3 cr .

CLA 20200-Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A
The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000, CLA 20100 or 20400
3 hrs
3 cr.

## CLA 20300 - Roman Civilization (W)

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

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .
CLA 22100-Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .

## CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3cr.
fall only
```


## CLA 22500 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22700 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A
Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 24000 - Topics in Classics

Examination of specific areas of classical culture, such as literature, language, or numismatics. prereq: ENGL 120

3 hrs
3 cr .

## CLA 25000 - Greek and Roman Tragedy (W)

## Hunter Core

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

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

## CLA 25100 - Ancient Comedy (W)

## Hunter Core

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

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 25300 - Homer and Vergil (W)

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

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.
CLA 25400 - The Ancient Novel in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
prereq: ENGL 22000 or perm instr.
3 hrs
3 cr .

## CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr .
```


## CLA 30300 - Religion of Ancient Greece (W)

Pluralism and Diversity
GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice. prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr .

CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

CLA 30500 - Women and Slaves in Classical Antiquity (W)

```
Pluralism and Diversity
PD/C or D
GER
GER 3/A
Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class. cross-listed WGSC 30500 (W)
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .
```


## CLA 30600 - Special Studies in Ancient Greek Culture

Examination of specific areas of Greek life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3 cr .

## CLA 30700 - Special Studies in Ancient Roman Culture

Pluralism and Diversity
PD/D
Examination of specific areas of Roman life. Topics vary from year to year. prereq: ENGL 12000
3 hrs
3 cr.

## CLA 30800 - Magic and Science in the Ancient World (W)

GER
3/A
The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 31000 - Ancient Sports and Spectacles (W)

Pluralism and Diversity
PD/D
GER
3/A
An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400

3 hrs
3 cr .

## CLA 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary. prereq: ENGL 12000, two courses in classical archaeology
3 hrs
3 cr.

## CLA 33000 - Field Seminar in Archaeology

Open to majors only. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
prereq: ENGL 12000, perm dept.
6 cr. maximum

## CLA 42100 - Independent Study in Classics

Open to majors only.
prereq: ENGL 12000, perm dept. $1-3 \mathrm{cr}$.

## CLA 49100 - Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.
prereq: ENGL 12000, perm dept.
3 hrs
3 cr .
CLA 49800 - Internship
prereq: ENGL 12000, perm dept. $1-6 \mathrm{cr}$.

## Comparative Literature - BA

## Foundational Courses

Foundational Courses include courses in Comparative Literature and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core
Requirement
Courses CUNY Common Core Foundational or Major
ENGL 12000 English Composition (EC)Foundational
ENGL 22000 English Composition (EC)Foundational

## Major Requirements

All majors take a core course in methodology, but the remaining classes in a student's program are arranged with the coordinator in an effort to work out a balance between two different bodies of literature, two different literary periods, and two different genres. In addition to comparative literature courses in prose fiction, drama, myth and folklore, literary movements, and literature and the arts, majors may also elect appropriate classes from other literature departments, as well as from such disciplines as history, philosophy, art and anthropology, with the approval of the coordinator. Upon becoming a major, a student will, in consultation with the coordinator, choose one member of the comparative literature committee as an adviser and plan an individualized program. All majors are required to review their programs with their adviser once a semester.

## The comparative literature major consists of 30 credits distributed as follows:

## A. Concentration in at least two periods and in two genres.

## B. At least 9 credits in COMP-prefixed courses, beginning with the following

(all of these courses will be taught in English)

## COMPL 30100 - Seminar: Approaches to Comparative Literature

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary.
Required of all majors in comparative literature.
3 hrs
3 cr .

## C. 21 credits in literature courses

distributed so that at least 12 credits are courses studied in the original language (be it a foreign language, if the student is proficient in that language, or English). Courses at the 300 level are strongly preferred, although exceptions may be granted by the adviser.

## Minor for Students Majoring in Comparative Literature

A 12 credit minor is recommended for students majoring in Comparative Literature. Students will be advised by their Comparative Literature faculty mentor to choose a discipline that will complement and enrich their major field of study.

## Honors

Students are eligible for departmental honors if their GPA in the major is no less than 3.5. The student must also take at least 3 credits (but no more than 6 credits) in honors courses offered by the program and approved by the adviser. The offerings of the Comparative Literature Program are determined by the needs of students in the program and the faculty available. For specific information, consult the coordinator.

## Computer Science - BA

## Foundational Courses

Foundational Courses include courses in computer science and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

One of the following (prereq to CSCI 15000):

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.

4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

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

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## Hunter Core Requirement

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major

The computer science major consists of 41 credits in CSCI courses and a collateral 14 credits in MATH/STAT courses. An additional 6 credits of foundational courses (CSCI 12700 and MATH 12500 (STEM)) may be required.

## Required Courses

All computer science majors (except those following requirements for the Computer Science with Concentration in Bioinformatics - BA ) must complete successfully the following courses with a grade of C or better:

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr.

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## CSCI 16000 - Computer Architecture I

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr.

## CSCI 26000 - Computer Architecture II

GER
3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000

3 hrs
$3 c r$.

## CSCI 26500 - Computer Theory I

## GER

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 34000-Operating Systems

## GER

3/B
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor. 4 hrs
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

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

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## Electives

## Students who declared their major in spring 2009 or before

Students who declared their major in or before spring 2009 are held bound by this rule: In addition to the preliminary and required courses, each major must complete 15 hours of elective credits from CSCI courses higher than 200-level with a grade of C or better. At least 12 elective credits must be in classes other than CSCI 39100 CSCI 39200 and

CSCI 39300. With departmental permission, certain appropriate upper-level electives from other academic departments may be substituted. They are not required to take CSCI 49900, but may choose is as an elective.

## Students who declared their major after Spring 2009

Students who declared their major after spring 2009 take a minimum of 12 (rather than 15) elective credit hours and are required to successfully complete CSCI 49900 , after having successfully completed all other required courses for the major.

## Recommended course sequence for entering freshmen without credit for pre-calculus and without prior computer programming experience:

## Term 1

## MATH 12500 (STEM) - Precalculus

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## Term 2

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment.
May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## Term 3

## CSCI 16000 - Computer Architecture I

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits. prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.
Term 4

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

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

## Term 5

## CSCI 26000-Computer Architecture II

## GER

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr .

## CSCI 33500 - Software Analysis and Design III

## GER

3/B
The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## Term 6

## CSCI 26500 - Computer Theory I

## GER

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## Term 7

## CSCI 34000-Operating Systems

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

- 2 CSCI electives


## Term 8

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
4 cr.
and 2 CSCI electives

## Additional Information

Students with both credit for pre-calculus and prior computer programming experience can begin with Semester 2.

## Recommended course sequence for students with transfer credit for CSCI 13500, 15000 and 16000 and MATH 15000 and 15500:

## Term 1

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .

## CSCI 26000 - Computer Architecture II

## GER

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr .

## MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## Term 2

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 26500 - Computer Theory I

## GER

3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
$3 c r$.

## Term 3

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/
multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.
prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

- 2 CSCI electives


## Term 4

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
$4 c r$.

- and 2 CSCI electives


## Minor in Computer Science

A minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses - note that MATH 12500 (STEM) is a prerequisite course to CSCI 12700 however MATH 125 does not count towards the Computer Science Minor:

## CSCI 12700 - Introduction to Computer Science

## Hunter Core

Scientific World (SW)

## GER

2/E (Non lab course)
A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## CSCI 13300 - Programming for Everyone

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr .

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

## GER

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## CSCI 23300 - Programming Projects Seminar for Minors

This course will serve as a capstone for the minor, affording students the opportunity to write reasonably large and complex programs. Students will be expected to draw topics for these programs from their majors or other areas of interest. This course does not count toward the computer science major.
prereq or coreq: CSCI 13300 and 23200 and a declared Computer Science Minor.
2 hrs.
1 credit
In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 13500 or above. Although minors may take any Computer Science course numbered 135 or above, courses that require only one or more of the above courses as prerequisites include:

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment. May not be counted towards the computer science major.
coreq: CSCI 13500

2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr .

## CSCI 16000 - Computer Architecture I

GER
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## CSCI 26700 - Microprocessors and Embedded Systems

GER
3/B

Students will assemble and program a small single board computer to control, or simulate control of, some device.
prereq: CSCI 13300 or 26000
3 hrs
3 cr .

## Note

All prerequisites must be fulfilled for any CSCI course. The only exception is a written waiver from the instructor.
Prospective minors should be aware that this course of study usually requires a minimum of four semesters to complete.

## Please note

Computer science majors cannot choose computer science for their minor.

## Minors for Computer Science Majors

Hunter College does not requires students to take a minor field of study in conjunction with their major. Nevertheless, we encourage students to pursue a minor. Interested students may wish to combine a computer science major with a minor in such fields as mathematics, geography, economics, film and media. In fact most disciplines would be appropriate as a minor depending on the student's interests.

Consult and adviser in the department of the minor you wish to pursue for further information.

## Honors

To graduate from Hunter College with honors in computer science, a student must have at least a 2.7 GPA overall and a 3.5 GPA or better in computer science/math and a grade of A in one of the CSCI 49300 series of courses.

## Additional Information

The "one repeat" rule is in effect for all courses to be used toward the major, from CSCI 13500 through the 400 -level courses. This means that if a student fails a CSCI major course once (failure $=\mathrm{D}, \mathrm{F}, \mathrm{NC}, \mathrm{WU}$ ), that student will have only one more chance to pass the course. In addition, the Computer Science Department will not accept a CR grade in any of the preliminary or required courses for the major (CSCI 13500, CSCI 15000, CSCI 16000, CSCI 23500, CSCI 26000 , CSCI 26500 ,CSCI 33500 , CSCI 34000 , CSCI 36000). Any student wishing to declare computer science as a major who has received a grade of CR in any of the CSCI courses listed above, must ask the instructor of that course to change the CR grade to the appropriate letter grade. This must be done before the declaration of major form can be authorized.

Please note: A grade of " $D$ " is not considered a passing grade by this department for any of the computer science or math courses required for the major.

## Computer Science with Concentration in Bioinformatics - BA

Return to Programs and Courses in Computer Science
This course of study will provide computer science majors with a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics, and computer science, with an emphasis on quantitative reasoning. Students opting to concentrate in bioinformatics are not required to take CSCI 26000 , and CSCI 36000. Instead of 15 hours of 300 -level and 400 -level elective credits, the following requirements must be met:

## Foundational Courses

Foundational Courses include courses in computer science and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

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

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
$3 c r$.

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment. May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## Hunter Core Requirement

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## I. Required Foundational Courses (6 credits)

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
$3 c r$.

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .
A student may declare a concentration in bionformatics upon successful completion CSCI 13500 when declaring computer science as a major field of study.

## II. Required Courses for Concentration in Bioinformatics

Students must obtain a grade of C or better in the following courses:

## A. Computer science component 24 credits

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## CSCI 16000 - Computer Architecture I

GER
3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .

## CSCI 26500 - Computer Theory I

## GER

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata. prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500

3 hrs
$3 c r$.

## CSCI 34000-Operating Systems

## GER

3/B
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## CSCI 43500 - Database Management

## GER

3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages. prereq: CSCI 33500
3 hrs
$3 c r$.

## CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.
prereq: CSCI 13500 and CSCI 23200 or CSCI43500, or permission of the instructor
3 hrs
$3 c r$.

## B. Math and statistics component 17 credits

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

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

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

## MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B

Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

## C. Biology component 12 credits

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

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

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 42500 - Computational Molecular Biology

## GER

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
$3 c r$.

## D. Chemistry component 12 credits

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100 .
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
$4 c r$.

## CHEM 10400 (STEM) - General Chemistry II

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair 5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## Total credits for Bioinformatics Concentration: 65

Total Credits for a students who is not exempted from any foundational classes: 71

## Additional Information

Prerequisites for certain courses are waived for students opting for this concentration. BIOL 102 is waived for BIOL 203. CSCI 26000 is waived for CSCI 34000 . Other prerequisites must be satisfied. Students who plan to apply to graduate school in Computer Science are recommended to take CSI 26000, 36000 and 36500.

Recommended course sequence for students in the bioinformatics concentration:

## Term 1

## CSCI 12700 - Introduction to Computer Science

## Hunter Core

Scientific World (SW)
GER
2/E (Non lab course)
A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor. prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr.

## MATH 12500 (STEM) - Precalculus

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

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## Term 2

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr.

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment.
May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr .

## Term 3

## CSCI 16000 - Computer Architecture I

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000

3 hrs
3 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

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

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only
Term 4

## CSCI 23500 - Software Analysis and Design II

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .
MATH 15500 (STEM) - Calculus with Analytic Geometry II

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

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

## CHEM 10200 (STEM) - General Chemistry I

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## Term 5

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## Term 6

## CSCI 26500 - Computer Theory I

## GER

3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata. prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 34000-Operating Systems

## GER

3/B
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/
multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## Term 7

## CSCI 43500 - Database Management

## GER

3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.
prereq: CSCI 33500
3 hrs
3 cr.

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B
Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte

Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are
encouraged.
3 hrs
3 cr

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## Term 8

## CSCI 49366 - UNIX System Programming

## GER

3/B

An introduction to the key components of the UNIX application programming interface, including files, processes, terminal control, signals, interprocess communication, the ncurses library, and multi-threading. Includes basic of the internal structure of the UNIX operating system, and selected user-level utilities and commands for efficient programming and working in UNIX.
prereq or coreq: CSCI 23500, 34000
3 hours
3 credits

## BIOL 42500 - Computational Molecular Biology

## GER

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

3 hrs
$3 c r$.

## Concentration in Creative Writing (39 cr)

## Return to Programs and Courses in English

The concentration in Creative Writing is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 25200 Introduction to Literary Studies, five required courses in literature, and at least four creative writing workshops.

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

## Courses

ENGL 12000
ENGL 22000

## CUNY Common Core

English Composition (EC)
English Composition (EC)

Foundational or Major
Foundational
Foundational

## B.A. in English: Concentration in Creative Writing

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major


## ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr .

## B. Five Required Literature Courses (15 cr)

## 1. Required Course

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following courses in American Literature

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-Or-

## ENGL 39600 - American Prose from Reconstruction to World War I

## GER

3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."

```
prereq: ENGL 22000
```

3 hrs
3 cr .
-Or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .
3. One course chosen from the following courses in Multi-Ethnic or Transnational Literatures written in English

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32000 - Multi-Ethnic American Literature (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

```
prereq: ENGL 22000
```

3 hrs
3 cr .
-or-

## ENGL 32100 - Topics in African American Literature

```
Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
-Or-
```


## ENGL 32500 - Post-Colonial Literature in English (W)

```
Pluralism and Diversity
P&D A
GER
3/A
```

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
4. One course chosen from the following courses in Literary Theory, Linguistics, or Rhetoric

## ENGL 30600 - Literary Theory (W)

GER
3/A

Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power. prereq: ENGL 22000
3 hrs
3 cr

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr
5. One 300- or 400-level English course with a focus on literature or rhetoric before 1800

Note:

1. Students may use a period appropriate Honors Seminar to satisfy this requirement. Students may not use ENGL 33800 or ENGL 39500 to satisfy this requirement.
2. Topics courses must conform to the pre-1800 period requirement. Consult individual course descriptions or an English advisor for guidance.

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans. prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32200 - Topics in Gender and Sexuality in Literature

```
Pluralism and Diversity
PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural,
historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different
topic.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr .

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

## GER

3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33300 - Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33500 - Chaucer

```
Pluralism and Diversity
PD/D
GER
3/A
Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
cr.
```

ENGL 33600 - Medieval Literature (1100-1500)

GER
3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33700 - Literary Aspects of Folklore

## GER

3/A

Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34000 - History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20 $0^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 34200-Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice. prereq: ENGL 22000
3 hrs
3 cr

## ENGL 35000 - Renaissance Drama

## Pluralism and Diversity

GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 35100 - The Age of Elizabeth I

```
Pluralism and Diversity
PD/D
GER
3/A
```

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35200 - Shakespeare Survey

```
Pluralism and Diversity
PD/D
GER
```


## 3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 35300-Shakespeare I

```
Pluralism and Diversity
PD/D
GER
3/A
Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
cr.
```


## ENGL 35400 - Shakespeare II

```
Pluralism and Diversity
PD/D
GER
3/A
Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
cr.
```


## ENGL 35500-Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36000 - The 17th Century

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 36100 - Milton

```
Pluralism and Diversity
PD/D
GER
3/A
```

Poetry and selected prose of Milton, with special emphasis on Paradise Lost. prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 36200 - English Drama of Restoration and 18th Century

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr
ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36500 - The Later 18th Century

Pluralism and Diversity
PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36800 - The 18th Century English Novel

```
Pluralism and Diversity
PD/D
GER
3/A
A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr .
```


## ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

```
prereq: ENGL 22000
```

3 hrs
3 cr .

## ENGL 37200-Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38300 - Topics in Renaissance Literature

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 38400 - Topics in Restoration and 18th Century Literature

## GER

3/A

Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38700-Topics in British and/or Irish Fiction

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories $C$ or $D$; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D ; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/A
Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 39400 - World Literature: Drama

GER
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 39800 - Topics in American Fiction

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr.

## ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A
Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 49000 - Advanced Topics Seminar

Focused study of and research on selected authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated for credit if a different topic is taken.
prereq: ENGL 22000; ENGL 25200; completion of at least 24 credits in the major with a minimum GPA of 2.0
3 hrs.
3 cr .

## ENGL 49400 - Honors Seminar: Special Studies

```
Pluralism and Diversity
PD/C
GER
3/A
```

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.
C. Four Required Creative Writing Workshops (12 cr)

## 1. All students who are planning to concentrate in Creative Writing must first take:

## ENGL 30000 - Introduction to Creative Writing

## GER

3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .
(and pass it with a grade of B or higher)
2. Students must then take 3 more creative writing workshops from the following, at least one of which must be a level-II workshop.

Note: Students may repeat level-II workshops once for credit. Students may not take a Level-II Workshop without first taking the Level-I Workshop in that genre. Students may not take ENGL 484 without first taking a Level-II Workshop in that genre.

## ENGL 30800 - Workshop in Non-Fiction I

GER
3/A
Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other
forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 30900 - Workshop in Non-Fiction II

## GER

3/A
A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
$3 c r$.

## ENGL 31100 - Workshop in Fiction I

## GER

3/A
Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.
prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 31300 - Workshop in Fiction II

## GER

3/A
A continuation of ENGL 31100, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31100
3 hrs
3 cr.

## ENGL 31400 - Workshop in Poetry I

## GER

3/A
Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.
prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 31600 - Workshop in Poetry II

GER
3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31400
3 hrs
3 cr .

## ENGL 48400 - Special Studies Seminar

## GER

3/A

Topics in British and American literature or linguistics. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
3 hrs
3 cr.
(offerings vary and may include: Advanced Workshop in Poetry; Advanced Prose Writing; Narrative Forms: Strategies in Fiction; or The Art of Revision: Poetry and Fiction - See the Department web page each semester for current information.)

## D. Three Electives (9 cr.)

Electives may be chosen from any of the department's 300-or 400-level courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). In special cases, full-time faculty may find it appropriate to supervise a student who is interested in taking on an individual creative project for 3 credits; this option is listed in the catalogue, and in semester-by-semester class postings, as ENGL 48500: Independent Tutorial Study. Successful completion of such a course may also, if arranged beforehand, qualify as an Honors course. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both.
Note: To take a 300 -level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in English Language Arts (39 cr.)

## Return to Programs and Courses in English

The concentration in English Language Arts is designed to provide students with experience in the study of literature, language, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. The English department strongly recommends that students choose at least one Language, Writing, or Modern/Contemporary Literature elective course.

This concentration consists of five parts:
Note: Double majors may count the course toward the requirements for only one of their majors. Students wishing to take a 300-level course that is not listed below must get prior written consent from an English advisor, and any such
course is subject to the pre-requisites of the department in which the course is taken. Students also enrolled in the QUEST major may satisfy one of their ELA elective requirements by taking any Art History, Music History, Theatre, or Dance History course. Taking one of these courses will also satisfy 3 credits of the QUEST Arts Distribution requirement. This option is available only to ELA majors who are also majoring in QUEST.

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## B.A. in English: Concentration in English Language Arts

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major


## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr.

## B. Four Required Literature Courses (12 cr.)

## 1. Three Required Courses

## ENGL 30500 - Studies in Children's Literature

## GER

3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from among the following courses in American Literature (3 cr)

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A
Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000

3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A
Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .
C. Two Required Language and/or Rhetoric Courses (6 cr.)

## 1. Required Course

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from among the following ( 3 cr ):

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power. prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34000 - History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34200 - Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## D. Two Required Courses in Writing (6 cr.)

## 1. Required Course

## ENGL 30100 - Theory and Practice of Expository Writing

## GER

3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories. prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from among the following (3 cr):

## ENGL 30000 - Introduction to Creative Writing

## GER

3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300 -level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 30800 - Workshop in Non-Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr .
-or-

## ENGL 34100 - Rhetorical Principles of Expository Writing

GER
3/A

This course will focus on the relationship between rhetorical principles and academic writing.

3 hrs
$3 c r$.
Note: Students must take ENGL 30000 or 30100 before taking ENGL 30800.

## E. Four Electives (12 cr.)

Students may choose from among 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). It is strongly recommended that students consider choosing either a Modern/Contemporary Literature, Linguistics, Rhetoric, or Writing course to fulfill one of the Elective requirements. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both.

NOTE: Students also enrolled in the QUEST major may satisfy one of their ELA elective requirements by taking any Art History, Music History, Theatre, or Dance History course. Taking one of these courses will also satisfy 3 credits of the QUEST Arts Distribution requirement. This option is available only to ELA majors who are also majoring in QUEST. To take a 300 -level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in English: Preparation for Secondary School Teaching (39 cr)

## Return to Programs and Courses in English

The concentration in English: Preparation for Secondary School Teaching is designed to prepare students to teach English in grades 7-12 by providing a foundation in British, American, and Multi-Ethnic literatures, as well as writing and language studies. Students choosing this concentration take ENGL 252 Introduction to Literary Studies, 18 credits of required literature courses, 6 credits of required writing courses, a 3-credit language course, and three electives chosen from among 300- and 400-level courses offered by the Department, with the option to choose one of their three electives from a menu of courses in other departments and programs. When taken together with the requirements for the Secondary Education minor of the School of Education, this program meets initial certification requirements for New York State and New York City public schools. Students interested in the Education minor must apply to the School of Education for admission. Students who do not wish to pursue certification need not take the Secondary Education minor. Eligible English: Preparation for Secondary School Teaching majors may pursue English Departmental Honors by taking ENGL 49400 Honors Seminar.

Note: The English Department strongly recommends that students take at least one modern or contemporary literature course.

This concentration consists of five parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## B.A. in English: Concentration in English: Preparation for Secondary School Teaching

## A. Introduction to Literary Studies (3 cr)

## ENGL 25200 - Introduction to Literary Studies

## GER

3A
Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs .
3 cr .
B. Six Required Literature Courses (18 cr)

## 1. Three Required Courses (9 cr)

## ENGL 30300 - Western Literary Backgrounds of British and American Literature

```
Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman
epic, and exploration of their influence on works from other periods
prereq: ENGL 22000
3 hrs
cr.
```

ENGL 30600 - Literary Theory (W)
GER
3/A

Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following (3 cr):

## ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 35300-Shakespeare I

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .
3. One course chosen from the following (3 cr):

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A
Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration. prereq: ENGL 22000
3 hrs
3 cr .

## 4. One course chosen from the following (3 cr.)

## ENGL 32000 - Multi-Ethnic American Literature (W)

## Pluralism and Diversity

PD/B
GER
3/A
Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000

3 hrs
3 cr .
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

```
Pluralism and Diversity
P&D A
GER
3/A
```

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .
C. Required Writing Courses ( 6 cr )

1. Theory and Practice of Expository Writing (3 cr)

ENGL 30100 - Theory and Practice of Expository Writing

GER
3/A
Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following (3 cr.)

## ENGL 30000 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .

> -or-

GER
3/A

This course will focus on the relationship between rhetorical principles and academic writing.
prereq: ENGL 22000
3 hrs
3 cr.

## D. Required Language Course (3 cr)

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
$3 c r$.

## E. Three Electives (9 cr)

Students may choose from among 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). It is strongly recommended that students consider choosing either a Modern/Contemporary Literature, Linguistics, Rhetoric, or Writing course to fulfill one of the Elective requirements. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in Linguistics and Rhetoric (39 cr)

## Return to Programs and Courses in English

The concentration in Linguistics and Rhetoric is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

The concentration consists of two parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## BA in English: Concentration in Linguistics and Rhetoric

## A. REQUIRED COURSES (30 cr)

## 1. Two Required Courses ( 6 cr )

## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs .
$3 c r$.

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .

## 2. Two additional courses in linguistics chosen from the following (6 cr)

## ENGL 30100 - Theory and Practice of Expository Writing

## GER

3/A
Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power. prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33300 - Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.
prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 34700 - Language and Ethnicity

## Pluralism and Diversity

PD/B
GER
3/A
This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the
ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## 3. Theory and Practice of Expository Writing (3 cr)

## ENGL 30100 - Theory and Practice of Expository Writing

GER
3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories. prereq: ENGL 22000
3 hrs
3 cr .

## 4. Two courses in rhetoric chosen from the following (6 cr)

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .

GER
3/A

This course will focus on the relationship between rhetorical principles and academic writing.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## 5. Survey of British Literature I (3 cr)

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr.
6. One course in American literature chosen from the following (3 cr)

ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

GER
3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .

## 7. One additional course in literature chosen from the following (3 cr)

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32000 - Multi-Ethnic American Literature (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

```
prereq: ENGL 22000
```

3 hrs
3 cr .
-or-

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
-Or-

## ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr .
-Or-

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

3 hrs
3 cr.
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P\&D A
GER
3/A
Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32600 - Topics in US Latina/o Literature

## Pluralism and Diversity <br> PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

## GER

3/A
Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural,
historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33300 - Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34200 - Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## B. THRE ELECTIVE COURSES (9 CREDITS)

Students may select electives from any 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). ENGL 30600 - Literary Theory (W) is strongly recommended for all Linguistics and Rhetoric students. Students may also choose from courses related to linguistics or rhetoric offered in other departments, such as Anthropology (e.g., ANTHC 15100 - Introduction to Linguistics ; ANTHC 32076 - Language, Sex and Gender ; ANTHC 35100 - Language in Culture and Society ), Classics (e.g., CLA 11000 - The Greek and Latin Roots of English , and Philosophy (e.g., PHILO 10300 - Introduction to Logic and Critical Thinking ); or from courses in foreign language study that are beyond those taken in fulfillment of the foreign language requirement (e.g., advanced courses in a second language, beginning courses in a third language).
All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a 300 -level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

Note
*ENGL 33300 and ENGL 34200 may be taken multiple times in different topics to fulfill both required and elective courses

## Concentration in Literatures, Language and Criticism (39 cr)


#### Abstract

Return to Programs and Courses in English Majors who plan to concentrate in Literatures, Language and Criticism take ENGL 25200 Introduction to Literary Studies within one semester of declaring the major, four required courses ( $33800,39500,30600$, and either 32000 or 32500), and three courses in a specialized area of study. We recommend that students take the four required courses early in their major studies, preferably soon after they have declared the major. Students are also required to take one 300- or 400-level English course with a focus on literature or rhetoric before 1800 (excluding the required ENGL 33800 and 39500). The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, but the remaining five are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an advisor to design her own area of study.


This concentration consists of five parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

## Courses

CUNY Common Core
Foundational or Major
ENGL 12000

ENGL 22000

English Composition (EC)
English Composition (EC)

Foundational
Foundational

## B.A. in English: Concentration in Literatures, Language and Criticism

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major


## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs .
3 cr.

## B. Required Courses (12 cr)

The following four courses are required for all students in this concentration:

## ENGL 30600 - Literary Theory (W)

## GER

3/A
Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32000 - Multi-Ethnic American Literature (W)

## Pluralism and Diversity

PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
$3 c r$.
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

## Pluralism and Diversity

P\&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

3 hrs
3 cr .

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .

## C. Required Area of Study (9 cr)

Students in this concentration must take three additional courses in one of the areas below. Particularly motivated students may also obtain prior approval from an advisor to design an area of their own choosing (e.g. literature by genre or by historical period, literary theory, cultural studies).

1. British and/or Irish Literatures
2. American Literatures, including African American, Asian American, Latino, and Native American
3. Transnational and/or Postcolonial Studies
4. Gender and Sexuality Studies
5. Race, Ethnicity, and/or Class Studies
6. Linguistics, Language, and/or Rhetoric
7. Transatlantic Studies
D. One 300- or 400-level English course with a focus on literature or rhetoric before 1800 (3 cr)

Note: Students may use a period appropriate Area of Study course or Honors Seminar to satisfy this requirement. Students may not use ENGL 33800 or 39500 to satisfy this requirement.

Students may choose from among the following English courses:

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

## Pluralism and Diversity

PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32200 - Topics in Gender and Sexuality in Literature

```
Pluralism and Diversity
PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural,
historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different
topic.
prereq: ENGL 22000
3 hrs
3cr.
```

ENGL 32300 - Topics in Asian American Literature

## Pluralism and Diversity

PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr.

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32600 - Topics in US Latina/o Literature

```
Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English. prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 33300-Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33500-Chaucer

Pluralism and Diversity
PD/D
GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr .

GER
3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33700 - Literary Aspects of Folklore

GER<br>3/A

Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 35000 - Renaissance Drama

Pluralism and Diversity
GER 3/A

A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A
Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose. prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35200 - Shakespeare Survey

## Pluralism and Diversity

PD/D
GER
3/A
A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35300-Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A
Study of works from second half of Shakespeare's career.
prereq: ENGL 22000

3 hrs
$3 c r$.

## ENGL 35500 - Topics in Shakespeare (W)

```
GER
3/A
Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme prereq: ENGL 22000
3 hrs
3 cr .
```


## ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36000 - The 17th Century

```
Pluralism and Diversity
PD/D
GER
3/A
A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr .
```


## ENGL 36100 - Milton

```
Pluralism and Diversity
PD/D
GER
3/A
Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3cr.
```

```
Pluralism and Diversity
PD/D
GER
3/A
A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan. prereq: ENGL 22000
3 hrs
3 cr.
```


## ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36400 - The Age of Satire

## Pluralism and Diversity

PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36500 - The Later 18th Century

## Pluralism and Diversity

PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36800 - The 18th Century English Novel

## Pluralism and Diversity

PD/D
GER
3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37200 - Romantic Poetry

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38300 - Topics in Renaissance Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 38400 - Topics in Restoration and 18th Century Literature

```
GER
3/A
Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr .
```


## ENGL 38700 - Topics in British and/or Irish Fiction

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/A
Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39400 - World Literature: Drama

## GER

3/A

Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600

## ENGL 49000 - Advanced Topics Seminar

Focused study of and research on selected authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated for credit if a different topic is taken.
prereq: ENGL 22000; ENGL 25200; completion of at least 24 credits in the major with a minimum GPA of 2.0
3 hrs .
3 cr.

## ENGL 49400 - Honors Seminar: Special Studies

## Pluralism and Diversity

PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr .

## E. Electives (12-15 cr)

The remaining courses in the major are electives, chosen by the student. Unless a student uses an Area of Study course to fulfill the requirement, one of these courses must be a 300- or 400-level English course with a focus on literature or rhetoric before 1800 .
All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Dance - BA

## Foundational Courses

Foundational Courses include courses in dance and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. All students must take a technique placement class prior to the beginning of each semester in order to gain permission for registration. Students should check the department website for placement class dates.

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

In the case of Dance, the courses that meet CCC are:
Courses CUNY Common CoreFoundational or Major
DAN 23200 Creative Expression Foundational
DAN 10200 Creative Expression Foundational

## The following 34-credit curriculum is required of all majors.

Note: All dance technique classes may be taken two times for credit.

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

## DAN 21000 - Contemporary Dance Technique I

## GER

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .

DAN 21300 - Basic Musicianship for Dancers

GER
3/A
Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 21000
3 hrs
2 cr .

DAN 22000 - Contemporary Dance Technique II

GER
3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design.
Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr .

DAN 22100 - Improvisation as a Creative Process I
GER
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .
DAN 23200-20th-Century Dance History

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
3 cr .
DAN 24500 - Ballet I

## GER

3/A
Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
$2 c r$.
DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity

GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.
prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

## DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity

GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department
4 hrs
$2 c r$.

## DAN 32100 - Composition I

## Pluralism and Diversity

GER 3/A
Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.
prereq: DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr .

## DAN 32400 - Production I

## GER

3/A
Practical experience in all aspects of production that contribute to realization of student's choreographic intentions: costumes, sets, lighting, publicity and business skills.
prereq: DAN 32200 or perm dept.
$3 \mathrm{hrs}, 3 \mathrm{hrs}$ open studio
3 cr .

## DAN 34500 - Ballet II

## GER

3/A
Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
$2 c r$.

## DAN 35000 - Anatomy and Kinesiology for Dancers

## GER

3/A
Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, perm dept.
3 hrs
3 cr .

## DAN 42200 - Choreographic Projects

## GER

3/A
Independent student choreographic works in preparation for performance in concert. Registration once per academic year.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32100
4 hrs
3 cr .

## DAN 44000 - Lecture/Demonstration Touring Group

## GER

3/A
Performance of prescribed choreography in lecture/ demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, 22100, 24500, perm dept.
4 hrs
3 cr .

## Major

A placement audition is required of all incoming majors. All dance majors are required to be registered in at least one technique class every semester they are in attendance at Hunter. Performance, choreography and technical production requirements are to be fulfilled prior to graduation. These requirements include:

1. Performance in at least two (2) concerts.
2. Choreography of at least two (2) works:
a. solo performed in open composition.
b. group work developed during fall and spring semesters and performed in formal concert.
3. Production crew work in two (2) formal concerts.

Note: All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

## Policy on advancement through the technique curriculum

All dance students should be aware that completion of a dance technique course for a passing grade does not automatically guarantee acceptance into the next level of technique. For example, if you pass the Fundamentals of Contemporary Dance course, you may not necessarily be admitted to Contemporary Dance Technique I.

Your instructor will, at the end of the current course, advise you to either repeat the course for credit or to move on to the next level. (You can take technique courses twice for credit, and it is also possible to audit thereafter.) It is neither safe nor constructive to place yourself in a class that is not appropriate for your skill level. The quality of your dance education is of utmost importance to us - this policy is designed to maintain the highest standards of learning and achievement.

All dance majors are required to register for at least one technique course every semester they are enrolled at Hunter College.

## Additional Information

The undergraduate adviser suggests the appropriate sequence of electives for the career specialization the student chooses.

## Prerequisites for all dance majors:

Attendance at placement class audition prior to the beginning of the semester.
Meeting with Dance Adviser prior to declaration of major.

## Dance Education

Students planning to teach Dance in Pre-K through 12th grade should look at Dance Education Pre-K - 12 of the The School of Education for requirements and program.

## Minor in Dance

The Hunter College Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field.

## Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

## DAN 10100 - Fundamentals of Contemporary Dance Technique

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation. prereq: minimum 12 cr.
3 hrs
2 cr .

## DAN 10200 - Dance, Dancers and the Audience

## Hunter Core

Creative Expression (CE)

## Pluralism and Diversity

## GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
3 cr .

## Additional required courses

DAN 21000 - Contemporary Dance Technique I

## GER

3/A
Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .
DAN 22100 - Improvisation as a Creative Process I

GER
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .

1 additional dance technique course, selected from the following:

## DAN 14500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
2 cr.

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

## DAN 22000 - Contemporary Dance Technique II

## GER

3/A
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr .

## DAN 24500 - Ballet I

## GER

3/A
Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
2 cr .

## DAN 25200 - Special Topics: Traditional Dance I

## Pluralism and Diversity

GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: placement class
4 hrs
2 cr .

## DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity <br> GER 3/A

Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.
prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

## DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity

GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department
4 hrs
2 cr .

DAN 34500 - Ballet II

GER
3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
2 cr .

DAN 35200 - Special Topics: Traditional Dance II

## Pluralism and Diversity

PD/A
GER
3/A

Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr .

Plus a minimum of 6 additional credits in dance

A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):
Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)

## Additional Requirements of the Dance Minor

Participation on one production crew team for a fully produced dance program concert.
Performance in at least one Hunter dance concert.

## Note:

Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

## Grading

All dance majors and minors must receive a letter grade for all dance classes. Grades of "NC" or "CR" are not permissible.

## Dance Pre-K-12-BA

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 120.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in dance.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

34-credit major in Dance - BA.

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Appendix I: Hunter Core Requirement.

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 11300
- 9 credits in math, science and technology (must include one laboratory science course)
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

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

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

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

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

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

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

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

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

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

## SEDC 22000 - Adolescent Health and Safety

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

## SEDC 45600 - Student Teaching in Dance, Grades Pre-K-12

Two 30-day supervised placements (one in grades pre-K-6 and one in grades 7-12) in New York City public schools selected by Hunter College. Special Conditions: Students must apply for student teaching the fall semester before enrolling in this course. Scores on the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examination must have been received by the coordinator of adolescent education prior to enrollment in student teaching.
prereq or coreq: SEDF 20600, SEDC 22000
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)

Methods of teaching dance in grades pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.
prereq: completed 12 cr in dance or perm dance adviser
prereq or coreq: SEDF 20400
3 hrs plus 36 hours fieldwork
4 cr .

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

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## School of Education Exit Standards

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

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


## Early Childhood Education, Birth-Grade 2 - BA

The Early Childhood, Birth through Grade 2 undergraduate teacher education program prepares students to become New York State certified teachers of early childhood education.

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

This is a 36-credit program in which students have an option to complete the course of study over four or six semesters.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

- Complete at least 30 credits toward the Bachelor's degree. Students with more than 72 credits should consider pursuing Early Childhood Education at the graduate level.
- Attain a Hunter College Grade Point Average (GPA) of 3.0 or better.
- Have taken the CUNY COMPASS exam for math placement, or taken MATH 10100, or have an equivalent pre-requisite for MATH 10400.
- Have completed ENGL 12000 (or a 200- or 300-level writing course) with a grade of B or better.
- Declare an appropriate liberal arts and sciences major either preceding admission or upon admission to the program.
- Have completed at least 12 credits at Hunter College. Transfer students with a GPA of 3.3 or better may be immediately considered for admission.


## Liberal Arts \& Sciences Major Requirement

All students in School of Education programs must also declare a major in the School of Arts \& Sciences. This major must lead to a BA degree.

See the School of Arts \& Sciences for more information on major options.

## New York State Liberal Arts \& Sciences Distribution Requirement

The courses listed below are required for all Early Childhood teacher candidates, and constitute several of the prerequisites for courses in the program. A minimum grade of C must be earned in these classes in order for them to count towards the program.
(These courses do not have to be completed for a student to be considered for admission):

- ENGL 120: Introduction to Expository Writing
- ENGL 220: Introduction to Literature
- Any 3 credits eligible to meet CUNY's Common Core in Creative Expression
- Two semesters of natural science. Courses used to meet CUNY's Common Core in Life and Physical Sciences, and in Scientific World can be used to meet this requirement (with the exception of computer science (CSCI) and economics (ECO) courses)
- POLSC 110: American Government
- Any 3 credits eligible to meet CUNY's Common Core in World Cultures and Global Issues
- SOC 101: Introduction to Sociology
- Any 3 credits eligible to meet CUNY's Common Core in Individual and Society (Humanities)
- 6 credits of foreign language
- MATH 104: Mathematics for Elementary Education 1


## Academic Progress Standards

Students must meet the following criteria in order to continue in the program:

- A minimum grade of C or better in all non-field courses (Courses can only be repeated once)
- A minimum grade of B or better in all fieldwork courses. (Fieldwork courses can only be repeated once)
- Maintain a cumulative GPA of at least 3.0
- Complete 6 credits of study in a foreign language prior to the completion of ECC 306: Language and Literacy for Children of Diverse Backgrounds, K-2
- Complete Math 104 with a minimum grade of C prior to registering for ECC 310: Mathematics in Early Childhood.
- Complete with a minimum grade of C two semesters of natural science prior to registering for ECC 311: Early Childhood Science and Inquiry-Based Learning. Courses used to meet CUNY's Common Core in Life and Physical Sciences, and in Scientific World can be used to meet this requirement (with the exception of computer science (CSCI) and economics (ECO) courses).
- Take and pass both the Academic Literacy Skills Test (ALST) and the Educating All Students test (EAS) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.
- Follow the course sequence, which represents the required classes that Early Childhood students must take each semester. The courses for each semester must be completed successfully in that term.


## Course of Study

Six-Semester Track

## Semester 1

## ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed. prereq: ENGL 12000 coreq: ECF 20100, ECC 30000
3 hrs
3 cr .

## ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.
coreq: ECF 20000, ECF 20100
3 hrs
3 cr .

## ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.
coreq: ECF 20000, ECC 30000
2 hrs
$2 c r$.

## Semester 2

## ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (BPrekindergarten)

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families,
programs and schools in early literacy development.
prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr.

## ECC 30400 - Creative Arts and Play-Based Learning

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.
prereq: ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30100 - Field work/Internship 1

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30400
50 hrs .
1 cr.
Offered fall and spring

## Semester 3

## ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and $2^{\text {nd }}$ grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
3 cr .

## ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.

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prereq: ECF 20000, ECC 30000, ECC 30500
3 hrs
cr.
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## ECC 30200 - Field work/Internship 2

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30800
50 hrs .
1 cr.
Offered fall and spring

## Semester 4

## ECC 31000 - Mathematics in Early Childhood

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.
prereq: MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr.

## ECC 31100 - Early Childhood Science and Inquiry-Based Learning

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning will be discussed.
prereq: Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800
2 hrs
2 cr .

## ECC 30300 - Field work/Internship 3

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 31100
50 hrs .
1 cr.
Offered fall and spring

## Semester 5

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr .

## ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC
31100
3 hrs
3 cr.

## Semester 6

## ECC 40100 - Student Teaching

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).
prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC
31100, ECC 31400
3 hrs
3 cr .

## Four-Semester Track

## Semester 1

## ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed. prereq: ENGL 12000
coreq: ECF 20100, ECC 30000
3 hrs
3 cr .

## ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.
coreq: ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30400 - Creative Arts and Play-Based Learning

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.
prereq: ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (BPrekindergarten)

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families, programs and schools in early literacy development.
prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30100 - Field work/Internship 1

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30400
50 hrs .
1 cr .
Offered fall and spring

## Semester 2

ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in
urban settings.
coreq: ECF 20000, ECC 30000
2 hrs
2 cr .

## ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and $2^{\text {nd }}$ grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
3 cr.

## ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.
prereq: ECF 20000, ECC 30000, ECC 30500
3 hrs
3 cr.

## ECC 30200 - Field work/Internship 2

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30800
50 hrs .
1 cr.
Offered fall and spring

## Semester 3

## ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.
3 cr.

## ECC 31000 - Mathematics in Early Childhood

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.
prereq: MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr .

## ECC 31100 - Early Childhood Science and Inquiry-Based Learning

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning will be discussed.
prereq: Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800
2 hrs
2 cr.

## ECC 30300 - Field work/Internship 3

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 31100
50 hrs .
1 cr .
Offered fall and spring

## Semester 4

## ECC 31400 - Health, Family, and Community Partnerships

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr .

## ECC 40100 - Student Teaching

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend
seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).
prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC
31100, ECC 31400
3 hrs
3 cr .

## School of Education Exit Standards

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

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


## Economics - BA

## Foundational Courses

Foundational Courses include courses in Economics and prerequisites to these courses. These courses must be completed early in the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

Courses CUNY Common Core Foundational or Major
MATH 12500 Math \& Quantitative ReasoningFoundational
MATH 15000 Math \& Quantitative ReasoningFoundational
ECO 20000 Scientific World Foundational
ECO 20100 Individual \& Society Foundational
*Note: Please note MATH 12500 may not need to be taken; it is dependent upon math placement exam.

## Majors

The Department of Economics offers two Economics majors. The first, discussed below, is the Economics - BA, requiring a minimum of 24 credits beyond the foundational courses. In addition, for motivated students, the department offers the opportunity to complete both the BA and MA degrees simulataneously, where 30 of the 120 credits required for graduation are graduate credits. Students interested in this option should follow the link below.

Economics - Accelerated BA/MA

## Grade Options

The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than CR/NC.

## Major- 24 credits

Students majoring in economics must take:

## A. Courses Preliminary to the Economics Major

## ECO 20000 - Principles of Microeconomics

Hunter Core<br>Scientific World (SW)<br>GER<br>2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr.

## ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B
May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .
These courses must be completed with a grade of C, CR, or better to serve as prerequisites for courses credited to the major.

## Additional Information

Although required, neither ECO 20000 nor ECO 20100 are counted as part of the 24 credits in the major. While it is preferable to start with ECO 20000, students may begin the study of economics with either ECO 20000 or ECO 20100. If they wish a one-semester survey before embarking on the principles courses, they may take ECO 10000, but this is not required. If taken, ECO 10000 cannot be substituted for either ECO 20000 or 20100 or credited toward the major.

## B. Core of the Economics Major

## ECO 22100 - Economic Statistics

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Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B
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Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr.

## ECO 30000 - Intermediate Microeconomics

## GER

3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .

## ECO 30100 - Intermediate Macroeconomics

## GER

3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr.

## ECO 32100 - Introduction to Econometrics

GER
3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq: ECO 22100, MATH 15000
3 hrs
3 cr .
*ECO 22100 must be completed with a grade of C, CR or better to be accepted for credit towards the major and to serve as prerequisites for other courses in the major.

## C. Allied Required Course

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
*MATH 15000 must be completed with a grade of C, CR or better to be accepted for credit towards the major and to serve as prerequisites for other courses in the major.

## Additional Information

Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 30000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

## D. Elective courses

The remaining 12 credits needed to complete the 24 -credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more than 3 credits may be at the 100-level (note: ECO 10000 cannot be counted.)

## Minor in Economics

The economics minor consists of a minimum of 12 credits, including

## ECO 20000 - Principles of Microeconomics

## Hunter Core

Scientific World (SW)
GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 20100 - Principles of Macroeconomics

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

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

## Interdepartmental Fields

Students with majors in other departments may take courses in economics as part of an interdepartmental program of study in public policy, Latin American and Caribbean studies, environmental studies (geography), women's and gender studies and Jewish social studies. Listings in each area discuss recommended courses.

## Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

## Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

## ECO 49900 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Supervised individual research and directed reading. Honors essay.
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5
GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr .

## Public Policy

Economics majors may find both the minor and the Certificate Program in Public Policy of particular interest.

## English - BA

## Major

The English Department offers students five concentrations: (1) Literatures, Language and Criticism, (2) Creative Writing, (3) English: Preparation for Secondary School Teaching, (4) English Language Arts, and (5) Linguistics and Rhetoric. Thirty-nine credits ( 13 classes) in 300- and 400-level courses are required for each concentration. Up to 6 credits in the major sequence may be taken for CR/NC. Students must take ENGL 22000 before declaring the major or taking any other English classes (with the exception of ENGL 21800 - Advanced Expository Writing).

# Concentration in English: Preparation for Secondary School Teaching (39 cr) 

## Concentration in Linguistics and Rhetoric (39 cr)

## Literatures, Language and Criticism Concentration

Majors who choose the Concentration in Literatures, Language and Criticism ( 39 cr ) take five required courses ( 15 cr ), and three courses in a specialized area of study ( 9 cr .). The department recommends that students take the five required courses early in their major studies, preferably soon after they have declared the major. The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, and the remaining four are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an adviser to design her own area of study.

## Creative Writing Concentration

The Concentration in Creative Writing ( 39 cr ) is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 25200 Introduction to Literary Studies (3 cr), five required courses in literature ( 15 cr ), at least four creative writing workshops ( 12 cr ), and three electives ( 9 cr ). The five literature requirements are: 1) ENGL 33800; 2) ENGL 39500, 39600, or 39700; 3) ENGL 31800, 32000, 32100 , 32400,32500 , or 32700 ; 4) ENGL 30600, 33100, 33200, or 34000; and 5) One 300- or 400- level English course with a focus in literature or rhetoric before 1800. The first workshop for ALL students is the 3-genre workshop ENGL 30000: Introduction to Creative Writing, which must be passed with a grade of B or higher in order to qualify for this concentration. After successfully completing ENGL 30000, students are required to take a minimum of three additional workshops, beginning with the level-I workshop in the genre(s) in which they are interested: ENGL 30800, 31100, or 31400. Students are required to take at least one level-II workshop (ENGL 30900, 31300, or 31600) after completing the level-I workshop in that genre. Students may also take one of the special topics genre workshops (ENGL 48400) after completing both 300 -level workshops in that genre. The remaining three courses for the major are electives and may be chosen from any of the department's 300 -or 400-level courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). In special cases, full-time faculty may find it appropriate to supervise a student who is interested in taking on an individual creative project; this option is listed in the catalogue, and in semester-bysemester class postings, as ENGL 48500: Independent Tutorial Study. Successful completion of such a course may also, if arranged beforehand, qualify as an Honors course.

## English Language Arts Concentration

The Concentration in English Language Arts (39 cr.) is designed to provide students with experience in the study of literature, language, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. Students take ENGL 25200, Introduction to Literary Studies ( 3 cr ), four required literature courses ( 12 cr ), two required courses in language and/or rhetoric ( 6 cr ), and two required
courses in writing ( 6 cr ). The remaining four courses ( 9 cr ) are electives and may be chosen from among the following: any of the English department's 300 - or 400-level literature courses, including, if the student is eligible, one of the Honors seminars (ENGL 49400); any of the 300-level Creative Writing workshops for which the student has met the prerequisite(s); any 300- or 400-level courses in linguistics or literatures taught in English in other departments for which the student meets that department's prerequisite(s); and selected Theatre courses (16000, 16100, 32100, 37600, $37700,37800)$ for which the student meets that department's prerequisite(s). The English department strongly recommends that students choose at least one Language, Writing, or Modern/Contemporary Literature elective course.

## Concentration in Preparation for Secondary School Teaching

The Concentration in English: Preparation for Secondary School Teaching (39 cr) is designed to prepare students to teach English in grades 7-12 by providing a foundation in British, American, and Multi-Ethnic literatures, as well as writing and language studies. Students choosing this concentration take ENGL 25200, Introduction to Literary Studies ( 3 cr ), 18 credits of required literature courses, 6 credits of required writing courses, one 3 -credit language course, and three electives chosen from among 300-and 400 -level courses offered by the Department. When taken together with the requirements for the Secondary Education minor of the School of Education, this program meets initial certification requirements for New York State and New York City public schools. Students interested in the Education minor must apply to the School o Education for admission. Students who do not wish to pursue certification need not take the Secondary Education minor. Eligible English: Preparation for Secondary School Teaching majors may pursue English Departmental Honors by taking ENGL 49400 - Honors Seminar: Special Studies.

Concentration in Linguistics and Rhetoric
The Concentration in Linguistics and Rhetoric ( 39 cr ) is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. . Students choosing this concentration will take ENGL 25200, Introduction to Literary Studies ( 3 cr ), three courses in linguistics ( 9 cr ), three courses in composition and rhetoric ( 9 cr ), three courses in literature ( 9 cr ), and three electives ( 9 cr ). This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

Note: The English Department strongly recommends that students take at least one modern or contemporary literature course.

## Honors

In order to qualify for departmental honors, students must take the Honors Seminar (ENGL 49400) and write an honors essay. The essay is normally written in relation to the Honors Seminar and under the supervision of the professor teaching the seminar. To to take the Honors Seminar, students must first complete at least 24 credits of 300-and/or 400-level English classes with a GPA of at least 3.5 in those courses and an overall GPA of at least 2.8. Of these 24 credits, 21 must be taken at Hunter (in exceptional cases, 18 credits may suffice). The Honors Seminar requirement is in addition to the specified required courses in the student's concentration. Students interested in pursuing departmental honors should consult an undergraduate adviser. Please see the college rules on Academic Honors for more information in Section IV: Academic Policies \& Procedures .

## ENGL 49400 - Honors Seminar: Special Studies

## Pluralism and Diversity <br> PD/C

GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.

## Note(s)

The Honors Seminar requirement is in addition to the specified courses in the student's major concentration. Students interested in departmental honors should consult the undergraduate adviser.

## Minor in English

The English Department offers a 12-credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. Students may declare the Minor only after completing ENGL 22000 - Introduction to Writing about Literature (W), the prerequisite for all English courses above the 220 level. Students minoring in English may choose four courses ( 12 cr .) from among 200- and 300-level literature, language, rhetoric, or writing offerings, with a minimum of two 300 -level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 30000 - Introduction to Creative Writing, with a minimum grade of B.

Note:

NOTE: English 22000 does not count towards fulfillment of the Minor. ENGL 21800-Advanced Expository Writing, may be used towards fulfillment of the Minor requirements, but ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods, may not. English minors may not take 400-level courses.

## Environmental Earth Science Concentration

Return to: Return to Programs and Courses in Geography

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs .
$3 c r$.
-or-

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr .
Offered in the Fall and Spring

* these courses are prerequisites to PGEOG 25000. Either of these courses, or GEOG 22600 is acceptable. Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core

Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major- 40 credits

## Required courses - 22 credits (including Capstone)

## CHEM 10200 (STEM) - General Chemistry I

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr .

## CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>GER 2/E<br>Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.<br>Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.<br>prereq: CHEM 10200<br>coreq: CHEM 10400

6 hrs
3 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## PGEOG 25000 - Earth System Science I

## GER

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B
The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## Required Capstone Course - 3 credits

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.
-or-

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser. 1-4 cr.

## Electives - 18 credits

A minimum of 18 credits from the list below. 12 credits must be taken at the 300 -level or higher.
Note: It is strongly recommended that students take STAT 11300 - Elementary Probability and Statistics.

## GEOL 20500 - Environmental Geology

## GER

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
3 cr .

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr .
Fall

## GEOL 38000 - Advanced Oceanography: Physics of the Oceans

GER
3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To
understand past, present and future climate, students need to know and understand the world ocean.
Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.
prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr .

## GEOL 38300 - Special Topics in Geology and Oceanography

GER
3/B
Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $\$ 15$
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 36100-GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geo-
spatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

## PGEOG 31300 - Biogeography

## GER

3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.
prereq: PGEOG 13000, GEOG 10100 or BIOL 10000/10200
3 hrs
3 cr.

## PGEOG 33200 - Introduction to Hydrology

## GER

3/B

Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and strategies of integrated water resources.
prereq: GEOL 10100, PGEO 13000 or perm instr.
3 hrs
3 cr.

## PGEOG 33500 - Urban and Metropolitan Coasts

## GER

3/B

A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.
prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
$3 c r$.

## PGEOG 36100-Global Climatic Change

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr.

## PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr .

PGEOG 38300 - Special Topics in Environmental Studies

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.
Total credits 40

## Environmental Management and Policy Concentration

Return to Programs and Courses in Geography

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr .
-or-

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

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

## GER

2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5

4 cr.
Offered in the Fall and Spring

> * these courses are prerequisites to PGEOG 25000 . Either of these courses, or GEOG 22600 is acceptable. Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

## Major

## Required courses - 22 credits (including Capstone)

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>\section*{GER}<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

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

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
$3 c r$.

## PGEOG 25000 - Earth System Science I

GER
3/B
In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

Required Capstone Course - 3 credits
PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.
-or-

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## Electives - 18 credits

A minimum of 18 credits from the list of courses below. 12 credits must be taken at the 300 -level or higher. Courses not listed may be included in a student's concentration with permission of the ES adviser.

Note: It is strongly recommended that students take STAT 11300 Probability and Statistics.

## COMHE 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

## GEOG 24100 - Population Geography

## Pluralism and Diversity <br> PD/B or C <br> GER <br> 3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and $J r / S r$ standing

3 hrs
3 cr .

## GEOG 33500 - International Pollution Issues

## GER

3/B

A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
3 cr .

## GEOG 24300 - Urban Geography

## GER

3/B
Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr .

## GEOG 37000-Geography of Sustainable Development in Developing Countries

## Pluralism and Diversity

PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 37100-Rural Water Supply in Developing Regions

## Pluralism and Diversity

PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education.

The course will also discuss methods of providing drinking water in a sustainable manner.
prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr.

## GEOL 20500 - Environmental Geology

## GER

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
3 cr.

## GEOL 33400-Geomorphology: The Study of Beaches and Coasts

## GER

3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip. prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr.

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite
measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 38500 - GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered.
May be repeated for credit as topics change.
Material Fee:\$ 15
prereq: GTEC 20100 or equiv.
3 hrs
3 cr .

## PGEOG 31300 - Biogeography

## GER

3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.
prereq: PGEOG 13000, GEOG 10100 or BIOL 10000/10200
3 hrs
3 cr .

## PGEOG 33500 - Urban and Metropolitan Coasts

GER
3/B
A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.
prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
3 cr .

## PGEOG 36100 - Global Climatic Change

GER
3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500

3 hrs
3 cr .

## PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr .

## PGEOG 38300 - Special Topics in Environmental Studies

## GER

3/B

Open to Jr/Sr only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## POLSC 24400 - Energy and Environmental Politics and Public Policy (W)

## GER

3/B

Examination of political processes and public policies shaping energy production and consumption in the U.S. with comparative reference to other countries. Emphasis on political, economic, social, environmental and foreign policy aspects.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## SOC 36100 - Development and Modernization (W)

Pluralism and Diversity
PD/A
GER
3/B
Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100

3 hrs
3 cr .

## URBS 31000 - Methods of Urban Research and Policy Analysis

## GER

3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr .

## URBS 40100 - Managing Urban Physical Environment

## GER

3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

## Total credits 40

## Environmental Studies - BA

The major offers two concentrations which are organized to promote an intensive understanding of contemporary physical science, specifically earth system science as it relates to environmental issues, and an intensive understanding of a system-based approach to the dynamic nature of human-environmental interactions particularly as manifest in contemporary politics and economics. The concentrations are Environmental Earth Science and Environmental Management and Policy. It is suggested that students select a concentration as they enter the major with the understanding that the choice is not final at this stage and students can switch concentrations as they advance in the program. To aid in this process, the curriculum offers a common core of required courses, as well as sufficient overlap within the required elective courses. It is strongly recommended that students considering this major meet with the adviser to discuss their interests and program of studies as courses may be added or deleted as the college's and department's offerings change. One or more courses not listed below may be included in a student's concentration with the advice and consent of the adviser.
A. Environmental Earth Science Concentration
B. Environmental Management and Policy Concentration

## Internships

Students can receive from one to four credits for internships in government agencies, consumer and activist groups, business and industry and media organizations involved in energy issues (e.g., Council on the Environment of NYC,

Energy Task Force, NY State Assembly, Sierra Club, International Earthcare Center, NY State Department of Energy, Brooklyn Union Gas, NYC Department of Environmental Protection and the American Museum of Natural History).

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows
one course selected from

## PGEOG 13000 (STEM) - Weather and Climate

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

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr .
Offered fall and spring.

## GEOL 10500 - Introduction to Environmental Geoscience

## Hunter Core

Scientific World (SW)
GER
2/E (Non lab course)
Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental
problems and issues.
prereq: ENGL 12000
3 hrs
3 cr .

## GEOL 18000 - Introduction to Oceanography

## Hunter Core

Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring
and
at least one course (minimum of 3 credits) selected from

## PGEOG 25000 - Earth System Science I

## GER

3/B
In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B
The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr .
Fall

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $\$ 15$
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring
and

- at least one course (minimum of 3 credits) from the 300 -level approved electives listed in the college catalog under either the environmental studies program's Concentration A Environmental Earth Science Concentration or Concentration B Environmental Management and Policy Concentration).


## Minor in Geology

A minor in geology consists of 12 credits selected from GEOL prefix courses

## PGEOG 23100 - Physical Geography II: Principles of Geomorphology

See GEOL 23100

## PGEOG 33400 - Coastal Geomorphology See GEOL 33400

See GEOL 33400
-or-

## GTECH 35000 - Field Topographic Surveying

Field use of surveying equipment. Notebook and computer data collection relating to horizontal and vertical location on the landscape, including the use of global positioning systems. Field record-keeping and preliminary analysis of results. Fee for transportation, accommodations and food allowance required.
prereq: GTEC 20100, perm instr.
90 hrs of field/lab work (1 day lab, 10 days field)
3 cr .
Offered summer intersession (check with dept. in April).
Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

## Additional Information

If after taking a number of geology courses at Hunter, a student wishes to concentrate in geology, it is recommended that the student transfer to a unit of CUNY offering a geology major or take courses on permit at other CUNY units as elective credits.

## Preparation for Graduate Work in Teaching Earth Science

For students planning to pursue an MA degree for teachers of earth science, grades 7-12, it is recommended that they complete the following undergraduate work: a baccalaureate degree with a grade point average of 2.8 or better in their science courses and in their overall undergraduate work; a major of at least 30 credits in arts and sciences.

At least 21 credits in

- geology,
- physical geography,
- earth science or environmental science, including geographic techniques;
- general education core in the liberal arts and sciences that includes
- 6 credits in English,
- 6 credits in mathematics/technology,
- 6 credits in social studies (to include at least one course in U.S. history or geography),
- 6 credits in the arts and
- 6 credits in a language other than English.

It is recommended, but not required, that the criteria above be satisfied using

- electives selected from GEOL, PGEOG and GTECH courses;
- a minor in geology;
- GER core requirement laboratory science chosen from
- chemistry,
- physics or
- biology and
- GER core requirement non-laboratory science chosen from
- astronomy,
- oceanography,
- statistics or mathematics.

For further information on the education requirements, students should see an adviser in the School of Education.

## Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to

## GEOG 49000 - Honors in Geography

```
Upper \(\mathrm{Jr} / \mathrm{Sr}\) geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr.
```


## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

- and have a 3.0 cumulative GPA and a 3.5 GPA in the major.


## The following courses

also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

## GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
$1-3 \mathrm{cr}$

## GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
$1-3$ cr

## GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept. $1-3 \mathrm{cr}$

## GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

## PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

## PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.

## PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

## Fieldwork

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Study Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

## Graduate Study

Graduate-level courses may be taken for credit toward the bachelor's degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

## Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu - tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## Film - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## FILM 10100 - Introduction to Cinema

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr .

## FILMP 16000-Media \& Film in a Digital Age II

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

4 hrs
$3 c r$
-or-

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

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

## Course

FILM 10100
CUNY Common Core
Creative Expression

## Foundational or Major

Foundational

## BA in Film

Credits required for the major 30-36
Foundational Courses (for students without background in the field) up to 6
$\begin{array}{ll}\text { Major in Film } & \mathbf{3 0}\end{array}$
Analytic Course Requirements (12)
Production Course Requirements (12)
Electives (6)
Total for students without background in field
36

Major in Film (30 cr)

30 credits, combined total: 12 credits analytical, 12 credits production and 6 credits electives from analytical and/or production courses.

Students must receive a grade of B or better in FILM 10100 to declare a major in film. The major must be declared in person with an undergraduate film adviser (call (212) 772-4949 to schedule). The student must bring his or her transcript, and, where relevant, transcripts from other colleges attended, when meeting with the undergraduate film adviser to declare a film major. Students majoring in film must also take FILMP 16000/MEDP 16000 which is prerequisite for all film production courses. FILM 10100 and FILMP 16000/MEDP 16000 do not count towards the major. A maximum of 6 credits in MEDIA courses at the 200 or 300 level may be applied toward the major in film. Students must meet any prerequisites for these courses. Courses at the 100 level, independent study, and internship courses do not count toward the major. Students must see a program adviser to plan choice and sequence of courses.

## I Analytical Course Requirements (12 cr)

## A) Film Style and Close Analysis (6 cr)

## FILM 20100 - Practical Film Analysis

## GER <br> 3/A <br> Close case study of a selected motion picture. <br> prereq: FILM 10100 <br> 3 hrs <br> 3 cr .

plus 3 credits from one of the following courses:

## FILM 22400 - Cinematic Space

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 23100 - Studies of Selected Directors

## Pluralism and Diversity

GER 3/A
Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for credit with a different topic.
prereq: FLM 10100, 20100
4 hrs
3 cr

## FILM 32300 - Film Technology and Aesthetic Theory

GER
3/A

Study of the relationship between film technology and film theory. May be repeated for credit with a different topic.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 25100
4 hrs
3 cr .

## FILM 32351-Aesthetics of Film Sound

GER
3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000 - and 40000 -level courses in FILM.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 33300 - Styles and Theories of Film Acting

GER
3/A
Study of film acting with regard to theoretical structures and aesthetic practice.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, 20100
4 hrs
3 cr .
B) Film History ( 6 cr ):

## FILM 21100 - Film History I: 1895-1942

Pluralism and Diversity
PD/D
GER
3/A
Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21200 - Film History II: Since 1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
3 cr .
If students choose to take only FLM 21100 or only FLM 21200, they must also choose from the following:

## FILM 21300 - National Cinema

Pluralism and Diversity
PD/D or A

## GER

3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 23000 - Movies in American Culture

GER
3/A
Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.
prereq: FILM 10100, 21100 or FILM 21200
3 hrs
3 cr .

## FILM 34400 - History of Cinematography

GER
3/A
Survey class addressing key developments in the history and aesthetics of cinematography.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
4 hrs
3 cr .

## FILM 39700-Topics in Film History

Pluralism and Diversity
PD/D
GER
3/A

A focused examination of specific issues and moments in film history. May be repeated for credit under a different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
4 hrs
3 cr .

## II Production Course Requirements (12 cr):

## A) Required Production Sequence (9 cr):

## FILMP 25100 - Film Production I

Introduction to the fundamentals of filmmaking, writing, cinematography and editing. Material Fee: \$20
prereq: MEDP/FLMP 16000; open to majors only or perm instr.
4 hrs
3 cr .

## FILMP 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts. prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr. 4 hrs
3 cr .

## FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: \$20
prereq: FLMP 25100, FILMP 27600 open to film/media majors only or perm instr. prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM. 4 hrs
3 cr .

## B) Advanced Production Cluster (3 cr):

## FILMP 37100-Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 27600
4 hrs
$3 c r$.

## III Elective Course Requirements (6 cr):

From analytical and/or production electives: At least one elective must be a 300 level or above course.

## A) Analytical Electives:

## FILM 21400 - Multicultural Perspectives in Cinema

```
Pluralism and Diversity
PD/B (214.51 only)
GER
3/A
```

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21500 - Women and Film

Pluralism and Diversity
PD/C
GER
3/A
Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 22200 - Topics in Genre Studies

GER
3/A
Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .
FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

## Pluralism and Diversity

PD/C
GER
3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
3 cr .

## FILM 23200 - Experimental Film and Video

Pluralism and Diversity
PD/D
GER
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.
prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
3 cr .

## FILM 29900 - Special Topics in Film

## GER

3/A
Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.
prereq: perm dept.
1-3 hrs
1-3 cr.

## FILM 32200 - Contemporary Film Theory

Pluralism and Diversity
PD/D
GER
3/A
Survey of current film theory and criticism, including developments in film semiotics, psychoanalytic film theory, feminist film theory, narrative theory, historiography and reception theory.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.
prereq: FILM 10100, 21100 or 21200
4 hrs
3 cr .

FILM 32400-Narrative Strategies

GER
3/A

Study of narrative techniques in cinema
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr .

## FILM 32600-America in American Film and Video

## GER

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr .

## FILM 32700-Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A


#### Abstract

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: FILM 10100 4 hrs 3 cr .


## FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: FILM 10100
4 hrs
3 cr .

FILM 33200-Myths and Images in the Media

GER
3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
3 hrs
3 cr .

## FILM 33400 - Theatricality and the Presentation of Self

GER
3/A

Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, FILM 21100 or 21200
4 hrs
3 cr .

## FILM 39100 - Problems in Film Research

## GER

3/A
Study of basic methods of solving problems in the field of cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
3 hrs
3 cr.

## FILM 39900 - Studies in Film

GER
3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: variable
3 hrs
3 cr .

## FILM 40100 - Independent Research

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: perm chair
1-3 cr.
FILM 40200 - Honors Project
$\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr .

## FILM 49900 - Advanced Seminar

Selected topics in cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: perm instr.
4 hrs
3 cr .

## B) Film Production Electives:

A second course from the advanced production cluster may be taken as an elective course

## FILMP 37100-Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
$3 c r$.

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 27600
4 hrs
3 cr.

## FILMP 31100 - Directing Documentary Video Production

Exploration of the aesthetics of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: MEDP 28100; open to film/media majors only or perm instr.
4 hrs
3 cr .
or

## FILMP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.
cross-listed MEDP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr.

## FILMP 34100 - Producing the Film

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100, FILMP 27600
3 hrs
3 cr .

## FILMP 37200-Screen Directing II

Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 37100 or permission of instructor
4 hrs
3 cr .

## FILMP 38100-Techniques of Cinematography

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.
prereq: FILMP 35200 or permission of instructor
4 hrs
3 cr .

## FILMP 38200-Narrative Editing

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.
prereq: FILMP 25100
4 hrs
$3 c r$.

## FILMP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
$3 c r$.

## FILMP 38400 - Film and Video Production

Production of short films with each student assigned to specific crew positions.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 35200, and permission of instructor.
variable hrs
3 cr .

## FILMP 39900-Special Topics in Advanced Film Practice

Offered periodically with the specific topic listed in the schedule of classes.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: perm instr.
4 hrs
3 cr.

## FILMP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision.
Material Fee: \$20 May be taken twice for credit.cross-listed MEDP 45100
prereq: FILMP 35200 and perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
3 hrs
3 cr .

## FILMP 49800 - Internship

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is pre requisite for all $300-$ and 400 -level courses in FILM. prereq: FILM 10100, two other film courses or equiv; perm dept and host institution 1-6 cr, 40 working hrs per cr.

## Minor in Film

Students who wish to minor in film must complete a total of 15 credits in addition to FILM 10100 which does not count towards the minor and is a prerequisite for all FILM courses.

Required courses

## FILM 21100 - Film History I: 1895-1942

```
Pluralism and Diversity
PD/D
GER
3/A
```

Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
3 cr .
-or-
FILM 21200 - Film History II: Since 1942

## Pluralism and Diversity

PD/D
GER
3/A

Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
3 cr.
and two 200-level courses, and two 300 -level courses.

No film production classes (designated FILMP) are available to minors with the exception of

## FILMP 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 27600
4 hrs
3 cr .

## Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar course with a grade of A. See the department for more information.

## FILM 40200 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr .

## MEDIA 40200 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion qualifies student for departmental honors at graduation. prereq: 3 advanced-level courses; 3.0 GPA and 3.5 major GPA; perm dept.
3 hrs
3 cr.

## French - BA

## Major

The French major provides two concentrations:
a. French Literature ( 30 cr )
b. French Language and Civilization

## Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition ( 3 cr ). The 23-credit pedagogical sequence in adolescent education will serve as the minor. See the Section XII: School of Education section of the catalog for further information.

## Study Abroad

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.
The New York/Paris Exchange Program is open to students who wish to study a semester or a year at a French university in Paris. For the requirements and more details, contact Professor J. Przybos at (212) 772-5097. French in France is offered during June, July and August at Pau and Bayonne.

## Minor in French (15 credits)

## a. French Literature and Culture

This course of study provides the opportunity to deepen the knowledge of French language beyond the basic language sequence and to introduce students to French Culture trans-historically, in ways that could usefully complement a major in another field in the humanities, where a broad knowledge of French history or culture could be useful (for instance in the Arts).

The prerequisite for this minor consists either of

## FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French

3 hrs
3 cr .
-or-

## FREN 20300 - Intensive Intermediate French

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .

For the minor, 3 language courses to be chosen from

## FREN 21100 - Intermediate Grammar and Composition

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .
FREN 22000 - Advanced French Conversation
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
3 cr .
FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .
and 2 Culture and Civilization courses to be chosen from

## FREN 33500 - French Culture I

```
Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
```

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

## FREN 33600 - French Culture II

```
Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3cr.
```


## FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr.

## b. French Literature

This course of study provides the opportunity to deepen the knowledge of French language beyond the basic language sequence through the analysis of French Literature. Among undergraduates potentially interested in this track are our native-speakers, or students with a francophone background, whose majors are in another, non-related, discipline.

The prerequisite for this minor consists of

## FREN 21100 - Intermediate Grammar and Composition

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .

For the minor, students must first complete
FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French

3 hrs
3 cr .

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.
and then choose 3 courses from the following:

## FREN 34300 - Medieval and Renaissance French Literature

```
Pluralism and Diversity
PD/D
GER
3/A
From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.
```

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .

## FREN 34400-17th Century French Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
```

FREN 34600-18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost,

Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34800-19th Century French Literature (1800-1850)
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .
FREN 34900-19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de 1sle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 35000 - 20th Century French Literature (1900-1950)

```
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3cr.
```

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet,

Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr .

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

## FREN 36500 - The 20th Century: Special Topics

## Pluralism and Diversity

GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

## c. French Culture and Literature in Translation

This course of study provides the opportunity to students with no knowledge of the French language to be introduced to French Culture \& Literature. This minor offers an interesting complement or context to studies in other fields (such as history, philosophy, political theory or women's studies) that have benefited, historically, from French influences.

The courses in this minor are to be chosen from a selection of 200-level courses, taught in English, such as

## FREN 24100 - Early French Civilization: From Gothic to Revolution

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Conducted in English; readings in English.
3 hrs
3 cr .

## FREN 24200 - Modern French Civilization: From Revolution to Present

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

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .

## FREN 25100 - French Literature and the Arts

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr .

FREN 25200 - From Symbolism to Surrealism in French Literature

## GER

3/A
Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr .

FREN 25300 - Modern French Theatre: Theory and Practice
Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3 cr .

## FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
$3 c r$.
FREN 25500 - New Approaches to Modern French Literature

GER
3/A

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.
3 hrs
3 cr .

## FREN 25600 - Dream and Image (W)

## GER

3/A

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
3 cr .
FREN 25700 - Literary Cross-Currents

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
prereq: reading knowledge of French
3 hrs
$3 c r$.

## FREN 25800 - French Poetry in Translation

Conducted in English. Study of major themes, theories and texts from 16th century to contemporary period.
3 hrs
3 cr .

## FREN 25900 - French Theatre in Translation

```
Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that
have become known in English translation.
3 hrs
3cr.
```

FREN 26000 - French Novel in Translation (1600-1900)

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other literary genres.
3 hrs
$3 c r$.
FREN 26100 - Modern French Novel in Translation (1900-Present)

Pluralism and Diversity
PD/D

Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr .

## FREN 26200 - Perspectives on Women in French Literature

```
Pluralism and Diversity
PD/C or D
GER
3/A
```

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr .

## Honors

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

## Graduate Study

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

## French Language and Civilization

Return to: French - BA

A concentration in French language as well as in French and Francophone literature, culture and civilization. 12 credits from the language sequence (Group A); 0-9 credits from Group B (offered in English); and 9-18 credits from Group C (offered in French).

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## FREN 10100 - Elementary French I

Hunter Core
World Culture and Global Issues (WCGI)
Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN
10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
3 cr.

## FREN 10200 - Elementary French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

## FREN 20100 - Intermediate French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr.

## FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr .
-or-

## FREN 10300 - Intensive Elementary French

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
6 hrs
6 cr.

## FREN 20300 - Intensive Intermediate French

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr.
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

Major - 30 credits
Group A:

## FREN 22000 - Advanced French Conversation

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

FREN 27500 - Introduction to French Literature

## Pluralism and Diversity

PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
3 cr.

## FREN 31200 - French Oral and Written Expression

prereq: FREN 20200 or equiv.
3 hrs
3 cr .

FREN 32100 - French Translation
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

## Group B:

# FREN 24100 - Early French Civilization: From Gothic to Revolution 

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr .

## FREN 24200 - Modern French Civilization: From Revolution to Present

## Hunter Core

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr.

FREN 25100 - French Literature and the Arts

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr.

## FREN 25200 - From Symbolism to Surrealism in French Literature

## GER

3/A

Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr .

FREN 25300 - Modern French Theatre: Theory and Practice

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3 cr .

## FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
3 cr.

## FREN 25500 - New Approaches to Modern French Literature

GER
3/A
Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.
3 hrs
3 cr .

## FREN 25600 - Dream and Image (W)

GER
3/A
Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
3 cr .

## FREN 25700 - Literary Cross-Currents

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
prereq: reading knowledge of French
3 hrs
3 cr .
FREN 25800 - French Poetry in Translation

Conducted in English. Study of major themes, theories and texts from 16th century to contemporary period.
3 hrs
3 cr .

## FREN 25900 - French Theatre in Translation

```
Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that
have become known in English translation.
3 hrs
3cr.
```

FREN 26000 - French Novel in Translation (1600-1900)

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other literary genres.
3 hrs
3 cr.

FREN 26100 - Modern French Novel in Translation (1900-Present)

Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr.

## FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr.
Group C:

FREN 33500 - French Culture I

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French

3 hrs
$3 c r$.

## FREN 33600 - French Culture II

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr .

## FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr.
FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

```
Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3cr.
```

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .

## FREN 34400-17th Century French Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe,
Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
cr.
```

FREN 34600-18th Century French Literature
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .
FREN 34900-19th Century French Literature (1850-1900)
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola. prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 35000-20th Century French Literature (1900-1950)

```
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy,
Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
cr.
```

FREN 35100 - Contemporary French Literature (1950-present)
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35300 - Survey of Francophone Literature

GER
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200

3 hrs
3 cr .

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
3 hrs
3 cr .

FREN 36300-The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36400-The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.

3 hrs
3 cr .

## FREN 37500 - Seminar in French Literary History

```
Pluralism and Diversity
PD/D
GER
3/A
```

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr .
FREN 49100 - Honors Course in French

```
Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3cr.
```

FREN 49500 - Independent Study in French Literature
prereq: perm adviser
1-3 cr.

## Additional Information

Within the Language and Civilization concentration, students may choose either FREN 24100 or FREN 33500 (but not both) and either FREN 24200 or FREN 33600 (but not both) to count towards the major.

## French Literature (30 cr)

Return to: French - BA
A concentration in French literature that emphasizes the study of literary works and criticism.

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## FREN 10100 - Elementary French I

## Hunter Core

World Culture and Global Issues (WCGI)
Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
3 cr.

## FREN 10200 - Elementary French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

## FREN 20100 - Intermediate French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr .

## FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr .
-or-

## FREN 10300 - Intensive Elementary French

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
6 hrs
6 cr .

## FREN 20300 - Intensive Intermediate French

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major - 30 credits

## 3 credits from

## FREN 31100 - Advanced French Grammar

```
prereq: FREN 20200
3 hrs
3cr.
```


## FREN 31200 - French Oral and Written Expression

```
prereq: FREN 20200 or equiv.
```

3 hrs
3 cr .

## FREN 32100 - French Translation

```
prereq: FREN 20200 or equiv.
3 hrs
cr.
```

6 credits in

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century
Pluralism and Diversity
PD/D
GER
3/A

## 3 hrs

3 cr .

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

```
Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
cr.
```

21 credits from
FREN 33500 - French Culture I
Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

## FREN 33600 - French Culture II

```
Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3cr.
```


## FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .

## FREN 34400-17th Century French Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
```

FREN 34600-18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .
FREN 34900-19th Century French Literature (1850-1900)
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola. prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 35000-20th Century French Literature (1900-1950)

```
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy,
Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
cr.
```

FREN 35100 - Contemporary French Literature (1950-present)
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35300 - Survey of Francophone Literature

GER
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200

3 hrs
$3 c r$.

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches. prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 37500 - Seminar in French Literary History

Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr .
FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Research in history of French literature.

# Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition: 

## FREN 39900 - Second Language Acquisition

```
prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
cr.
```

-or-

## FREN 49500 - Independent Study in French Literature

prereq: perm adviser
1-3 cr.
-or-

## SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

```
The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.
- SEDC 712 (see graduate catalog)
```


## Geography - BA

The major in Geography is designed to prepare students to understand and respond to our world's changing social and natural environments. The major consists of 43-45 credits-a 13-15 credit Common Core that includes a capstone project, and 30 credits in one of four tracks: Urban and Social Geography, Physical and Environmental Geography, Geographic Information Science, and Sustainability Studies. Students interested in temporary certification as a Social Studies-Childhood Education teacher should complete Track A: Urban and Social Geography and must apply for the QUEST Program through the School of Education before completing a total of 45 undergraduate credits.

To declare as a geography major, students must complete one of the following three courses (which are included in the major): GEOG 10100 or GEOG 15000 or GEOL 10500. Completion of ENGL 12000 prior to declaring as a major is also strongly recommended since several advanced courses have ENGL 120 as a prerequisite. Students interested in the

Geographic Information Science track are strongly encouraged to take STAT 11300 or STAT 21300 (STEM) since it is a prerequisite for GTECH 30100.

Note: Courses leading to this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core, Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major in Geography (43-45 cr)

Students complete the Geography Core (13-15 credits), and select one of the four tracks ( 30 credits).

## Geography Core 13-15 credits

## GEOG 10100 - People and Their Environment

Hunter Core<br>Individual and Society - Social Science<br>GER<br>2/B

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

```
3 hrs
3 cr.
offered fall and spring.
```

-or-

## GEOG 15000 - World Regional Geography

```
Pluralism and Diversity
PD/A or D
GER
2/B
```

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## GEOL 10500 - Introduction to Environmental Geoscience

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
3 cr .

## PGEOG 13000 (STEM) - Weather and Climate

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

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring
or both

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## Hunter Core

Life \& Physical Sciences

## GER

2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr .

## GTECH 10100 - Digital Earth

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of the world, address world problems, and make sound decisions. Students will learn how satellites take complete photographs of the entire planet, Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.
3 hr .
3 cr.

One Approved Capstone course from the following list (3 credits):

## GEOG 48000 - Capstone in Urban and Social Geography

Individual or group research project as capstone experience in urban and social geography.
prereq: Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## PGEOG 48000 - Capstone in Physical Geography

Individual or group research project as capstone experience in physical and environmental geography.
prereq: Senior standing as a geography or environmental studies major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
$3 c r$.

## GTECH 48000 - Capstone in Geographic Information Science

Individual or group research project as capstone experience in geographic information science.

3 hrs
3 cr .

## GEOG 49000 - Honors in Geography

```
Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be
embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr.
```


## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

## GTECH 49000 - Honors in Geographic Information Science

Open to qualified Track C geography majors.
prereq: Senior standing, a minimum GPA of 3.5 in the major, approval of undergraduate adviser, and signed project contract with faculty sponsor
3 hrs
3 cr.

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu - tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## GTECH 49800 - Internship in Geographic Information Science

Open to qualified geography majors and minors. Opportunities for working in positions of responsibility in professional institutions for academic credit.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor. 3 hrs

3 cr.
Note: To graduate with departmental honors, students must hold senior status, have a minimum GPA in the major of 3.5 , and complete GEOG 49000 or PGEOG 49000 or GTECH 49000 as their capstone course.

# Track A: Urban and Social Geography (30 credits) 

## 5 courses from the list below (15 credits)

## GEOG 22100 - Economic Geography and Globalization

## GER

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

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

## GEOG 24100 - Population Geography

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
$3 c r$.

## GEOG 24300 - Urban Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr .

## GEOG 24400 - Political Geography

## GER

3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

## GEOG 24700 - Cultural Geography

## GER

3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr .

## GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.
prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr .

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## 2 courses with a GEOG 30600 course number ( 6 credits)

## GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to Jr/Sr only.
prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr.
3 courses with a GEOG 30500, GEOG 38300 , or GTECH 38500 course number ( 9 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

## GEOG 30500 - Special Topics in Urban and Regional Dynamics

Advanced topics in urban geography. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr .

## GEOG 38300 - Special Topics in Geography

```
GER
3/B
Open to Jr/Sr only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr
```


## GTECH 38500 - GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered.
May be repeated for credit as topics change.
Material Fee:\$ 15
prereq: GTEC 20100 or equiv.
3 hrs
3 cr .
Note: Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a prerequisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.

Track B: Physical and Environmental Geography (30 credits)
The following 15 credits
PGEOG 21200 - Geography of Soils and Vegetation

GER
3/B

## PGEOG 25000 - Earth System Science I

## GER

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## GEOL 23100 - Principles of Geomorphology

## GER

2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

4 cr.
-and-
Five 300-level courses with a PGEOG, GEOL, and/or GTECH prefix with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals ( 15 credits)

## Track C: Geographic Information Science (30 credits)

The following 9 credits:

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: \$15
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr .

## GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.
prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr
and

The following 15 credits:

## GTECH 30100 - Quantitative Methods in Geography

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
$3 c r$.

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.
prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 36100-GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr .
-and-

## 2 additional 300 -level GTECH courses with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals

Note: GTECH 30100 has GTECH 20100 and STAT 11300 or STAT 21300 as prerequisites. Selected GTECH 38500 courses have GEOG or PGEOG prerequisites in addition to GTECH 20100.

## Track D: Sustainability Studies (30 credits)

## Five courses from the list below (15 credits):

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

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

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

## GEOG 24500 - Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.
prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr .
GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## GEOG 24300 - Urban Geography

GER
3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr .

## GEOG 24100 - Population Geography

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr .
Offered fall and spring
WGSL 20017 - Globalization and Gender

Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'
prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.
The following 9 credits:

## GEOG 38300 - Special Topics in Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
$1-3 \mathrm{cr}$

## GEOG 37000 - Geography of Sustainable Development in Developing Countries

Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 37100-Rural Water Supply in Developing Regions

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.
prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

* Note: GEOL 38328 Environmental Ethics is the required course; no other 38300 course will be acceptable.

2 courses with a GEOG 30500, GEOG 30600, GEOG 38300 or GTECH 38500 course number ( 6 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

Note: Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a pre-requisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.

## Minors for Geography Majors

A minor course of study is no longer required at Hunter College. However, geography majors can elect to minor in any field of their choice. It is recommended, but not required, that the chosen field be related to the student's principal interest(s) in geography, and that the student consult with the Geography Undergraduate Adviser prior to selection of a minor course of study.

## Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEOG or GTECH prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

## Minor in Geology

A minor in geology consists of a minimum of 12 credits selected from courses with a GEOL prefix, or PGEOG 23100, or PGEOG 33400, or GTECH 35000. Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000 (STEM), GEOL 10000, GEOL 10500, GEOL 18000; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100*, GEOG 22600, GEOL 28000, or GTECH 20100; and
- at least one course (minimum of 3 credits) from the 300 -level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).
*PGEOG 25000 is a prerequisite for PGEOG 25100


## Options in Social Studies Education within the Geography Major

The Department of Geography and the School of Education provide opportunities for students to prepare for a career in teaching social studies in grades 1-6 (Childhood Education)or in grades 7-12 (Adolescent Education).

1. Option in Social Studies within the Geography Major for Childhood Education Teachers
2. Option in Social Studies within the Geography Major for Adolescent Education Teachers

## Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to the following and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

## GEOG 49000 - Honors in Geography

Upper $\mathrm{Jr} / \mathrm{Sr}$ geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr .

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

## The following courses

Also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

## GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
$1-3$ cr

## GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept. $1-3 \mathrm{cr}$

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

## PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.

## PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

## Fieldwork

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Education Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

## Graduate Study

Graduate-level courses may be taken for credit toward the bachelor's degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

## Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu $\rightarrow$ tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## German - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## GERMN 10100 - Elementary German I

## Hunter Core

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr .

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.

3 hrs
3 cr .

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .
-or-

## GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr .

GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .
Hunter Core Requirement
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major- 24 credits

The major consists of 24 credits chosen from the following courses:
Advanced courses in language, level I (30100-31200):

GERMN 30100 - Advanced German Comprehension and Conversation

GER
3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 30200 - Advanced German Conversation and Composition

```
GER
3/A
Intensive practice in speaking and writing German.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3cr.
```

GERMN 31000 - Advanced German Language Studies
GER
3/A
Intensive language study in a German speaking country. May be repeated at different levels.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

## GERMN 31200 - Introduction to Business German

GER
3/A

Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union. (Conducted in German)
prereq: GERMN 30100 or perm instr.
3 hrs
3 cr.
Advanced courses in literature, level I (32000-33900):
GERMN 32000 - Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32100 - Individual and Society in Modern German Literature

Pluralism and Diversity
PD/D

GER
3/A

The central conflict between individual liberty and societal constraints as reflected in short stories, novellas and plays by 20th century authors such as Kafka, Brecht. Böll and Frisch.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32200 - German Civilization

Pluralism and Diversity
PD/D
GER
3/A

Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
3 cr .

## GERMN 32300 - Women in German Literature

## Pluralism and Diversity

PD/C
GER
3/A
Reading and discussion of literature from the 19th century to the present written in German by and about women.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 32800 - German Children's and Adolescent Literature

Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 33400 - The German Short Story and Novelle

```
Pluralism and Diversity
PD/D
GER
3/A
Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
```

GERMN 33500 - German Radio Plays: Hoerspiel
Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A

Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
GER
3/A

Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

Advanced courses in literature, level II (34000-35900):
GERMN 34100 - German Drama from Age of Goethe to Naturalism

Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 34200 - The German Novel

Pluralism and Diversity
PD/D
GER
3/A

Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 34300 - German Literature from Its Origins to the Age of Goethe

Pluralism and Diversity
PD/D
GERMN 34400 - Readings in Classical Period of German Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of selected works by Lessing, Goethe and Schiller.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 34500 - Literature of Weimar Republic

```
Pluralism and Diversity
PD/D
GER
3/A
Discussion of literary works and documents influential in German life between 1918 and 1933. (Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
```


## GERMN 34600-German Literature of the 1930s and 1940s

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written between the time of the Weimar Republic and 1945.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

## GERMN 35000 - Austrian Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 35300-Goethe's Faust

```
Pluralism and Diversity
PD/D
GER
3/A
Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
cr.
```


## GERMN 35900 - German Literary Seminar

## Pluralism and Diversity

PD/D
GER
3/A
Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
Advanced courses in language, level II (all course numbers beginning with 38500);

## GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

## GER

3/A

Reading and discussion of present-day German newspapers and magazines.
(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details. prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation) 3 hrs

3 cr.

## GERMN 38502 - Advanced Business German

## GER

3/A

Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: GERMN 31200 or perm. instr.
3 hrs
3 cr .

GERMN 38503 - German Grammar for Upper- Level Discourse

## GER

3/A

Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse.
(Conducted in German)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: three courses above GERMN 30000 or equiv (excluding courses in English translation)
3 hrs
3 cr.

## Special projects:

## GERMN 44400 - Seminar Studies in German Literature and Language

```
Pluralism and Diversity
PD/D
GER
3/A
```

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.

## GERMN 49100 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

## GERMN 49200 - Independent Study in German

Number of credits to be determined in advance in consultation with faculty member on basis of work planned. (Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

## GERMN 49300 - Individual Studies Project in German Studies

Individual research on German-studies topic under direction of faculty member. Written report required.
(Conducted in German)
prereq: perm chair
3 cr .

## GERMN 49800 - Internship

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm of chair
1-4 cr.

## Additional Information

At least 12 credits must be earned by taking advanced classes in German literature and culture (numbered 3200035900; also 44400).

Three or more of these credits must be from level II literature courses (numbered 34000-35900; also 44400). Majors are permitted to substitute one level I literature course (numbered 32000-33900) with a level II language course (any course with a number that begins with 38500).

Students are encouraged to consult a departmental adviser as early as possible to plan their course of studies in German.
Students who begin German in college may count the following as major courses.

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics. prereq: GRMN 10200 or equiv.
3 hrs
$3 c r$.

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .
-or-

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
$6 c r$.

## Preparation for Teaching in Grades 7-12

In cooperation with the School of Education, the program in German provides opportunities for students to prepare for a career in teaching German in grades 7-12. Students preparing to teach German must complete a 33-credit major option (Option 2) for teaching that includes the 24 -credit sequence (Option 1) taken by non-teaching majors plus 9 additional credits: GERMN 39900 and 6 additional credits in advanced GRMN language and literature courses in the German Department between GERMN 30100 and GERMN 44400 or GERMN 24000, GERMN 24100 or 300 -level courses related to German studies offered in other departments (with prior approval by the chairperson of the German Department). Students interested in teaching German in New York schools will take the 23-credit pedagogical sequence for grades 7-12 Languages Other than English: Chinese, French, German, Hebrew, Italian, Russian, Spanish (BA) Additional Coursework and Student Teaching along with the major in German. This sequence may count toward the course requirements for New York State Certification but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the School of Education. All students who want to pursue a teaching certificate in German must take an oral examination with the German Department. See the The School of Education section of this catalog for further information.

## Minor in German

Foundational Courses must be completed before embarking upon the minor. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## GERMN 10100 - Elementary German I

## Hunter Core

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.

GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
$3 c r$.

## GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German. prereq: GRMN 10100 or equiv.
3 hrs
3 cr.

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .
-or-

## GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr .

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## Courses Required for the Minor

12 credits in language and literature taught in German at the 300 -level or higher are required for the minor.

- GERMN 30100 to 35900
- GERMN 38100 to 44400

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 320.00 and GERMN 35900. Students who begin their study of German in college may count GERMN 20100 and GERMAN 20200 or GERMN 20300 towards the minor and will need to take two courses at the 300 -level.

## Electives

All courses offered are open to all qualified students as electives. For placement, consult a departmental adviser or the department chair.

## Honors, Tutorials

Consult the department chair for these special programs. In order to graduate with departmental honors the student has to write an honors essay in the following. Please check under "Academic Honors" for exact details. Students who qualify can be elected to the German Honor Society Sigma Epsilon Phi. Please consult the department for exact requirements.

## GERMN 49100 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

## Study Abroad

The German Department sponsors a summer study abroad program in Kassel, Germany, for students at all levels.

## Exchange Program with Pädagogische Hochschule Karlsruhe, Germany

The German Department has a semester-long or year-long exchange program with the Pädagogische Hochschule Karlsruhewww.ph-karlsruhe.de/index.php. The department will help students seek financial support. Please consult the department for details.

## International Examinations

The German Department is a testing site for the "Goethe Zertifikate" B1, B2 and C1. These examinations are given world-wide by the Goethe Institute www.goethe.de/lrn/prj/pba/bes/enindex.htm, the cultural arm of the German government.

## Greek - BA

Return to Classical and Oriental Studies

## 24 credits of Greek above

## GRK 10100 - Beginning Greek

## Hunter Core

World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement.

```
3 hrs
cr.
offered fall
GRK 10200-Beginning Greek
3 hrs
3cr.
offered spring
```


## Courses in Greek Above Beginning Level

## GRK 11000 - Greek Reading

```
prereq: GRK 10200 or equiv.
3 hrs
3 cr.
offered fall
```


## GRK 20200 - Plato

```
prereq: GRK 11000 or equiv.
3 hrs
3 cr .
GRK 20300 - Homer
prereq: GRK 11000 or equiv.
3 hrs
3 cr .
GRK 30100 - Plato II
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30200 - Euripides
prereq: GRK 20200 or equiv.
3 hrs
3 cr.
GRK 30300-Greek Lyric Poetry
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
```


## GRK 30400 - Aristophanes and Menander

```
prereq: GRK 20200 or equiv.
```

3 hrs
3 cr .

## GRK 30500 - Attic Orators

prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30700 - Sophocles
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30800 - Aeschylus
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30900 - Herodotus
prereq: GRK 202 or equiv.
3 hrs
3 cr .
GRK 31000 - Thucydides
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 42100 - Independent Study in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr.
and a corequisite of
LAT 10100 - Beginning Latin

```
Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3cr.
offered fall
```


## LAT 10200 - Beginning Latin

## 3 hrs.

3 cr .
offered spring
-or-

## LAT 10700 - Beginning Latin, Intensive

## 6 hrs

6 cr.
usually offered spring and summer

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

## Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

## Classics: Minors

## Classical Studies

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

## Classical Archaeology

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

## Greek

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200

## Latin

## Greek and Latin - BA

Return to Classical and Oriental Studies

## 18 credits each of Greek and Latin

(may include 10100-10200 or, in Latin, LAT 10700 )

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

## Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

## Classics: Minors

## Classical Studies

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

## Classical Archaeology

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

## Greek

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200
Latin

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.
Courses in Greek and Latin

GRK 10100 - Beginning Greek

```
Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK }10100\mathrm{ without GRK }10200\mathrm{ please see Appendix II: Foreign Language Requirement.
3 hrs
3cr.
offered fall
```


## GRK 10200-Beginning Greek

## 3 hrs

3 cr .
offered spring

## GRK 11000 - Greek Reading

prereq: GRK 10200 or equiv.
3 hrs
3 cr .
offered fall
GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
3 cr .

GRK 20300 - Homer
prereq: GRK 11000 or equiv.
3 hrs
3 cr .
GRK 30100 - Plato II
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30200 - Euripides
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30300 - Greek Lyric Poetry
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

## GRK 30400 - Aristophanes and Menander

```
prereq: GRK 20200 or equiv.
```

3 hrs
3 cr .

## GRK 30500 - Attic Orators

prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30700-Sophocles
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

## GRK 30800 - Aeschylus

prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30900 - Herodotus
prereq: GRK 202 or equiv.
3 hrs
3 cr .
GRK 31000 - Thucydides
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

## GRK 42100 - Independent Study in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr .
LAT 10100 - Beginning Latin

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.

```
3 hrs.
cr.
offered fall
LAT 10200 - Beginning Latin
3 hrs.
3cr.
offered spring
LAT 10700 - Beginning Latin, Intensive
6 hrs
cr.
usually offered spring and summer
```

LAT 11000 - Latin Reading
prereq: LAT 10200 or equiv.
3 hrs
3 cr.
offered fall

## LAT 20100 - Ovid's Metamorphoses

```
prereq: LAT 11000 or equiv.
```

3 hrs

3 cr .

LAT 20200 - Roman Biography
prereq: LAT 11000 or equiv.
3 hrs
3 cr .

## LAT 20300 - Vergil's Aeneid

prereq: LAT 11000 or equiv.
3 hrs
3 cr .

LAT 20400 - Cicero's De Senectute
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
LAT 22000 - Medieval Latin

```
prereq: LAT 11000 or equiv.
3 hrs
3cr.
offered summer
LAT 30200 - Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
cr.
LAT 30300 - Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3cr.
LAT 30400 - Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3cr.
LAT 30500 - Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3cr.
```

LAT 30600 - Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

## LAT 30700 - Lucretius' De Rerum Natura

prereq: LAT 20100 or equiv.
3 hrs
$3 c r$.

LAT 30800 - Roman Epic
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30900 - Lyric Poetry of the Golden Age

```
prereq: LAT 20100 or equiv.
3 hrs
3cr.
```

LAT 31000 - The Roman Novel
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

## LAT 31100 - Elegiac Poets

prereq: LAT 20100 or equiv.
3 hrs
$3 c r$.

LAT 31200 - Livy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31400 - Tacitus
prereq: LAT 20100 or equiv.
3 hrs
$3 c r$.

## LAT 42100 - Independent Study in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr .

## Hebrew - BA

Return to: Classical and Oriental Studies
Placement and Exemption Students with background in the language should consult the head of the Hebrew Division for proper placement or for language exemption..

## Majors

The major consists of 24 credits from courses beyond HEBR 101-102. In general, a Hebrew major is required to achieve proficiency in Biblical and/or modern Hebrew literature by successfully completing a minimum of four courses at the 300 level in Hebrew. Courses in Hebraic studies conducted in English may be applied toward partial fulfillment of the Hebrew major provided they are part of a coherent program approved by the head of the division.

Qualified students interested in a more intensive program in the field of Hebraic or Judaic studies, particularly those preparing for graduate work in such specialized areas as Semitic languages and civilizations, Jewish history, Biblical studies and archaeology, medieval or modern Hebrew literature, Near Eastern studies or religious studies, should consult a division adviser regarding additional courses and supportive studies in related fields.

## Preparation for Teaching in Grades 7-12

In cooperation with the School of Education, the Program in Hebrew provides opportunities for students to prepare for a career in teaching Hebrew in grades 7-12. Students preparing to teach Hebrew must complete a 33 -credit major option for teaching that includes the 24-credit sequence taken by non-teaching majors, HEBR 39900, and 6 additional credits in Hebrew language and literature at the 300 or 400 level. Students interested in teaching Hebrew in New York schools should take the 23-credit pedagogical sequence for grades 7-12. This sequence may count toward the course requirements for New York State Certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the Section XII: School of Education.

## Minor

Two minors are offered, one in Hebrew, the other in Hebraic Studies.

## Hebrew Minor

The Hebrew minor requires the successful completion of 12 credits at the 200 -level or above. Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

## Hebraic Studies Minor

The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200-level or above, taught in English or in Hebrew. Two Hebrew language courses other than Elementary and Intermediate Hebrew-e.g., Biblical Hebrew, Advanced Hebrew- may be used toward the minor requirement in lieu of two literature or culture courses.

## Honors

Opportunity for honors work is available through HEBR 49100 - Honors Project.

## Courses in Hebrew

## HEBR 10100 - Elementary Hebrew I

## Hunter Core

World Culture and Global Issues (WCGI)

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 101 not credited without HEBR 102.
HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
3 cr .

## HEBR 10300 - Intensive Elementary Hebrew

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
6 hrs
6 cr.

## HEBR 10500 - Elementary Biblical Hebrew I

## Hunter Core

World Culture and Global Issues (WCGI)
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.
Not credited without HEBR 10600
3 hours
3 credits

## HEBR 10600 - Elementary Biblical Hebrew II

The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.
3 hours
3 credits

## HEBR 20100 - Intermediate Hebrew I

Continued practice in conversational Hebrew, grammar and composition.
prereq: HEBR 10200 or equiv.
3 hrs
3 cr .

## HEBR 20200 - Intermediate Hebrew II

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.
prereq: HEBR 20100 or equiv.
3 hrs
3 cr .

## HEBR 20500 - Intermediate Biblical Hebrew I

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.
prereq: Biblical Hebrew 10600 or equivalent.
3 hours
3 credits

## HEBR 20600 - Intermediate Biblical Hebrew II

This is the 4th semester of the 4-semester Biblical Hebrew series. prereq: HEBR 20500 or equivalent.
3 hours
3 credits

## HEBR 21000 - Selected Studies in Hebrew Literature in Translation

## Pluralism and Diversity

PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr .

HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

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

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr .

HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER
2/C
Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr

## HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.
prereq: ENGL 12000
3 hrs
3 cr .
HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)
Pluralism and Diversity
PD/D
GER
3/A
Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

## HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

3 hrs
3 cr

## HEBR 22100 - Modern Israeli Culture

## Hunter Core

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

## HEBR 24000 - Introduction to the Old Testament

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

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

## HEBR 25000 - Topics in Hebraic Studies

Pluralism and Diversity
PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr

## HEBR 25900 - Old Testament Religion

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

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
$3 c r$
HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

```
GER
3/A
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3cr
HEBR 28400-Images of Women in the Old Testament, in Translation
Pluralism and Diversity
PD/C
GER
3/A
Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary
techniques, cultural background and ideological implications.
3 hrs
cr.
HEBR 28600 - Ancient Near Eastern Literature and the Bible
Pluralism and Diversity
PD/A
GER
3/A
Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3cr
HEBR 28800 - Ancient Hebraic Folklore
Pluralism and Diversity
PD/A
GER
2/C
Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apoyphal literature and rabbinic Aggada.
3 hrs
3 cr
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## HEBR 29000 - Biblical Archaeology

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Hunter Core
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Hunter Core
Flexible Core: World Culture and Global Issues
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
Pluralism and Diversity
PD/A
PD/A
GER
GER
2/C
2/C
Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

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\section*{3 hrs}

3 cr

\section*{HEBR 29200 - The Hebrew Prophets}
```

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

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Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought. 3 hrs
3 cr
HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr
HEBR 29500 - Ancient Hebrew Law

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

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

\section*{HEBR 29600 - The Dead Sea Scrolls in English (W)}

\section*{Pluralism and Diversity}

PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr

\section*{HEBR 31000 - Modern Hebrew Literature I}
```

Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3cr

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HEBR 31100 - Modern Hebrew Literature II
GER
3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

HEBR 31500 - Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A
GER
3/A
Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A
Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity
PD/A
GER

\section*{3/A}

Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr

\section*{HEBR 31800 - Biblical Literature: Hagiographa}
```

Pluralism and Diversity
PD/A
GER
3/A
Selections from Job, Proverbs, Psalms and the five Magillot.
prereq: HEBR 20200 or equiv.
3 hrs
3cr
HEBR 32000 - The Modern Hebrew Short Story
GER
3/A

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Extensive reading of short stories from late 19th century to present, illustrating different literary trends. prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 32100 - Talmudic Literature
Pluralism and Diversity
PD/A
GER
3/A
Selections from Talmud and Midrash.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32200 - Medieval Literature
Pluralism and Diversity
PD/D
GER
3/A
Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

\section*{HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period}

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32500 - History of Modern Hebrew Literature

GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32600-Hebrew Poetry Between the Two World Wars

GER
3/A
Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman. prereq: HEBR 20200 or equiv.
3 hrs
\(3 c r\)
HEBR 32700 - The Modern Hebrew Novel

GER
3/A
Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
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3 hrs
3cr
HEBR 32800 - Contemporary Hebrew Prose

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\section*{GER}
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3/A
Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A. Applefeld and A. B. Yehoshua. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

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HEBR 33100 - Medieval Hebrew Philosophic Texts

GER
3/A

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 35100-Hebrew Grammar and Composition

Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 35700 - Approaches to Main Problems in Hebraic Studies

Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.

There are "unlimited" repeats for this course.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr

HEBR 45100 - Selected Studies in Hebrew Literature

\section*{Pluralism and Diversity}

PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3 cr

\section*{HEBR 49000 - Independent Studies}

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: permission of division head
hrs TBA
3 cr

\section*{HEBR 49100 - Honors Project}

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr .

\section*{History - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core

Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

\section*{Major}

\section*{BA: 30 credits}
- A minimum of 6 credits of HIST-designated courses with a grade of C or better are required before the declaration of major
- A maximum of 9 credits in 100 -level courses may be taken.

\section*{- A minimum of 18 credits in advanced-level courses distributed as follows:}
o 6 credits in 200-level courses (not including HIST 29000)
o 9 credits in 300-level courses or higher (not including HIST 30000/HIST 40000 )
- History Practicum

\section*{HIST 29000 - History Practicum (W)}

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more selfdirected, substantial and independent historical research projects in the future.
prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr .
A minimum grade of C is required to receive credit for HIST 29000

\section*{- Historical Research or Historical Research Honors}

\section*{HIST 30000 - Historical Research (W)}

\section*{GER}

3/B
Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300 -level and above not offered to freshmen.
prereq: HIST 29000 and departmental permission
3 hrs
3 cr .
-or-

\section*{HIST 40000 - Historical Research [H]}

\section*{GER}

3/B

The origins of history writing and the modern historical profession; modes of historical research; the evaluation of historical evidence; the historical and social uses of history. Recommended for all history majors. Required of students who wish to graduate with honors in history.
Courses at the 300-level and above not offered to freshmen.
prereq: not open to students who have completed fewer than 80 credits
3 hrs
3 cr .
A minimum grade of C is required to receive credit for HIST 30000/HIST 40000

\section*{Geographic Distribution:}
- Within the requirements for the major (exclusive of HIST 30000) students must complete a minimum of 6 credits in each of the following geographic fields:
-1) United States history
- 2) European history (includes Russia and the U.S.S.R.)
-3) World/Non-Western history (includes Asia, Africa, Middle East, Latin America).

\section*{Chronological Distribution:}

Within the requirements for the major (exclusive of HIST 30000) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:
- If the course is at the 100 -level, it must cover material that is entirely pre- 1815 .
- If the course is at the 200-level or higher, the majority of the material in it must be pre- 1815 .

\section*{Minor}

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

Requirements:
1. Four history courses of 3 credits each (or 12 credits total) taken for a letter grade ( C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)
2. Courses must be distributed in at least two geographic fields, i.e. at least one course ( 3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)
3. At least two courses ( 6 credits) must be at the \(300-\mathrm{level}\) or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.
4. At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must beapproved by the History Undergraduate Advisor.
There are no prerequisites for the minor, although certain courses may have their own prerequisites.
Declaring a Minor in History:
Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the OASIS).

\section*{Preparation for Teaching}

\section*{Childhood Education (grades 1-6)}

In cooperation with the School of Education, the Department of History provides opportunities for history majors to prepare for a career in childhood education. Students complete the 30 -credit History major with the childhood education sequence as a collateral major.

\section*{Adolescent Education}

Students who wish to prepare for a career in teaching social studies in grades 7-12 may take a 33-credit history major with an additional 9 credits of prerequisites History for Adolescent Education (Social Studies) In addition, students take the 23 -credit adolescent education sequence.

\section*{Honors in History}

Students will be eligible for honors in history upon the completion of all of the requirements for the major (including HIST 30000) with a 3.5 GPA and a 3.0 cumulative GPA at the time of graduation. In order to receive honors students may complete a portion of their major requirements in one of the following ways:
- completing HIST 40000 with a grade of B or better in lieu of HIST 30000 , which is required for the major OR
- completing 3 credits with a grade of \(B\) or better in an honors seminar, problems course, or tutorial (with departmental permission) in lieu of one of their 300-level or higher courses required for the major. Such seminars, honors courses, or tutorial options include:
- HIST 48300 Problems in U.S. History (Honors) (W)
- HIST 48400 Problems in European History (Honors) (W)
- HIST 48500 Problems in Non-Western History (Honors) (W)
- HIST 49300 Individual Tutorial Research Project

Note: the student must still complete HIST 30000 or HIST 40000

OR
- completing a graduate-level course (with special permission from the instructor) with a grade of B or better in lieu of one of their 300- level or higher courses required for the major.

Note: the student must still complete HIST 30000 or HIST 40000

Eligible students should apply for honors at the time they file for graduation. Applications are available from the department.

\section*{Graduate Study}

Qualified students in their junior and senior years may be admitted to graduate courses with the approval of the department chair.

\section*{History for Adolescent Education (Social Studies)}

Return to: History - BA

\section*{Foundational Courses (9 credits)}

At least 6 credits of Foundational Courses must be completed to declare the major. The remaining 3 credits can be completed along with the major.

\section*{HIST 15100 - The United States from the Colonial Era to the Civil War (W)}

\section*{Hunter Core}

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

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

\section*{HIST 15200 - The United States from the Civil War Era to the Present (W)}
```

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

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

\section*{GEOG 15000 - World Regional Geography}

\author{
Pluralism and Diversity \\ PD/A or D \\ GER \\ 2/B
}

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

\section*{Major (33 credits)}

\section*{Geography (6 credits)}

\section*{GEOG 22100 - Economic Geography and Globalization}

\section*{GER}

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.
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Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3cr.
Offered fall and spring

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\section*{GEOG 24100 - Population Geography}

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

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why
these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.
prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

\section*{GEOG 24300 - Urban Geography}

\section*{GER}

3/B

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, \(\mathrm{Jr} / \mathrm{Sr}\) only
3 hrs
3 cr.

\section*{GEOG 24400 - Political Geography}

\section*{GER}

3/B
Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr.

\section*{GEOG 24700-Cultural Geography}

\section*{GER}

3/B
This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr .

\section*{GEOG 30500 - Special Topics in Urban and Regional Dynamics}

Advanced topics in urban geography. Topics will vary. Open to \(\mathrm{Jr} / \mathrm{Sr}\) only.
prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr .

\section*{GEOG 30600 - Special Topics in Contemporary Regional Geographies}

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to \(\mathrm{Jr} / \mathrm{Sr}\) only.
prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr.

GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

GER
3/B

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr .

\section*{Political Science \& Economics (6 credits)}

\section*{ECO 10000 - Introduction to Economics}

\section*{Hunter Core}

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

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .
POLSC 11000 - American Government: A Historical Introduction (W)

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

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

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .
History (21 credits)

A maximum of 6 credits in history courses at the 100 -level and a minimum of 9 credits in history courses at the \(300-\) level or above. Foundational courses do not count toward the History credits.

\section*{World/Non-US History (12 credits)}
including a least three credits in each of the following categories (courses may be used to count toward only one category; described category must comprise \(50 \%\) or more of course content for course to qualify):
1) Pre- 1800
2) non-Europe
3) Europe
4) One additional World/Non-US History

\section*{US History (6 credits)}
all above the 100 -level

\section*{Keystone Course in History (3 credits)}

SWIM or SYNC: History Practicum or any dedicated seminar or Honors course at the 400 level approved by the Undergraduate Advisor and/or the Department Chair, as involving significant writing in the major ("SWIM") or graduate-level history course (700-level) available with permission to graduating seniors (Senior Year Non-Traditional Course; "SYNC")

\section*{History: Major with Minor in International Affairs - BA}

Adviser: Michael Luther

\section*{Major}

The major consists of 18 credits in history:

\section*{Pluralism and Diversity}

PD/D
GER
3/B

From the Congress of Vienna and national unification movements through the era of total wars and cold war. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 36100 - America and the World in the 20th Century}

Pluralism and Diversity
PD/D
GER
3/B

The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.
Courses at the 300-level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .
plus 9 credits selected from
HIST 27700 - East Asia to 1600

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

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 27800 - East Asia, 1600 to the Present}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.

3 hrs
3 cr .

\section*{HIST 28800 - History of Africa to the 19th Century}

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 28900 - Africa in the 19th and 20th Centuries}

\section*{Pluralism and Diversity}

PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 32700 - Europe since 1914}

\section*{GER}

3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 34600 - Churchill's Britain (W)}

\section*{GER}

3/B
The history of Britain and its empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century.The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.
Courses at the 300 -level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 37500 - Late Imperial Russia and the Soviet Union}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/B}

Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 37700-Ancient and Imperial China to 1800}

\section*{GER}

3/B

China's traditions and transformation from Neolithic times to the late-imperial period, emphasizing state/society relations and the development of the centralized bureaucratic political system; covers political, economic, religious and social developments.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 37800 - China Since 1800}

\section*{GER}

3/B
Internal and external challenges to China's traditional order; the collapse of the imperial system and the establishment of a republic; the warlord period; the war against Japan; the civil war between Communist and Nationalist forces;
China since the rise of the Communist Party to state power in 1949.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 39000 - History of Modern West Africa}

\section*{GER}

3/B
Impact of Islam, Christianity and colonialism. Analysis of African nationalism and problems of independence.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
- Seminars, problems courses and tutorial if appropriate

\section*{Minor}

The minor consists of 18 credits including

\section*{ECO 34000 - International Trade}

\section*{GER}

3/B

Theories of international trade and international trade policies.
prereq: ECO 20000
3 hrs
3 cr .

\section*{POLSC 37500 - International Law (W)}

\section*{GER}

3/B

The course will examine the sources, principles, functions, and effectiveness of international law.
prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr.

\section*{POLSC 27800 - International Organizations (W)}

GER
3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{GEOG 22100 - Economic Geography and Globalization}

GER
2/B

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

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

\section*{GEOG 24400 - Political Geography}

\section*{GER}

3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .
- plus 6 additional credits chosen from cultural anthropology, economics, energy and environmental studies, geography, political science, sociology, religion or other appropriate areas chosen with the approval of the adviser

\section*{Human Biology - BA}

Human Biology is a multidisciplinary major that provides students with a curriculum that emphasizes the analysis of humanity in a holistic framework that includes behavioral, cultural, social, and biological approaches. This major will guide students towards an integrated view of humans and our biology through a wide array of courses from departments including Anthropology, Biological Sciences, Psychology, Sociology, and Urban Public Health.

The Human Biology major curriculum is built on a core foundation of courses in biology, anthropology, and statistics. Students will then choose one of the following three specialized tracks: Track I. Body, Mind, and Health, which emphasizes biological knowledge within the context of human biology, with coursework that addresses how social factors have an impact on humans and human health; Track II. Human Evolution and Variation, which emphasizes humans as an evolved species that is part of the natural world, with coursework focusing on physical anthropology; and Track III. Human Organizations, which emphasizes social phenomena, with coursework from multiple social science disciplines. Finally, students will complete a capstone course in human biology (HMBIO 40100), where they will analyze some of the key contemporary topics and issues in human biology from multiple vantage points.

The knowledge and skills obtained by Human Biology majors will prepare students well for a range of future careers and educational paths, including graduate school in the sciences or social sciences; medical, public health, and allied health graduate training (possibly requiring additional course work); and careers in natural or social sciences research or related fields.

\section*{Declaring the Human Biology Major:}

Students will be required to meet a GPA requirement of 2.5 in this Core Sequence to declare the major. Transfer students will be required to take ANTHP 10500 and receive a C or better to declare the major.

\section*{A. Core Requirements}

\section*{1. Introductory Course in the Major}

\section*{ANTHP 10500-The Human Species}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
GER
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution
3 hrs
3 cr .

\section*{2. Choose One Biology Sequence}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D

\section*{GER}

2/E

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

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
\(4 c r\).
- OR-

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.

Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\section*{Hunter Core}

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

\section*{3. Choose One Statistics course}

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ \section*{GER} \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics
or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing.
Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B
Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
\(4 c r\).
(or appropriate score on placement exam)
* if not taken in Biology Sequence 1

\section*{B. One the Following Three Tracks}

Choose ONE of the following THREE Tracks and complete 18 credits of coursework within that track ( 9 of the 18 credits must be at the \(300+\) level. The 18 credits must come from more than one department)

Track I: Body, Mind, \& Health

\section*{ANTHP 30200 - Human Genetics}

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

\section*{ANTHP 30500 - Evolution of the Human Skeleton}

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or
ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
3 hrs.
3 cr .

\section*{ANTHP 30600 - Human Anatomy}

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
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prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or
ANTHP }10200\mathrm{ (Intro. to Physical Anthropology: Human Variation) or
ANTHP }10500\mathrm{ (The Human Species) or BIOL102 (Principles of Biology 2) or
BIOL 12200 (Anatomy \& Physiology 2).
3 hrs.
3cr.

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\section*{BIOL 12500 (STEM) - Human Biology}

\section*{Hunter Core}

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

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

\section*{BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ GER 2/E with lab
}

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

\section*{BIOL 22000 - Topics in Genetics and Evolution}

GER
3/B

Introduction to chromosome structure, mitosis and meiosis. Principles of Mendelian segregation. Linkage and eukaryotic gene mapping. Genetic analysis of mutations, and their use in genetic screens for gene discovery and pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution.
prereq: BIOL 10000 or equiv.
3 hrs
3 cr .
spring only

\section*{BIOL 25000 - Current Topics in the Biosciences (W)}

GER
3/B

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.
prereq or coreq: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr
3 hrs
3 cr .
fall only

\section*{BIOL 30400 - Environmental Microbiology}

\section*{GER}

3/B

Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.
prereq: BIOL 10000, 10200, 20000 or perm instr.
3 hrs
3 cr .

\section*{BIOL 37600 - Endocrinology}

\section*{GER}

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

\section*{COMHE 30300 - Social Structure and Health (W)}

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 30600-Social Disparities in Health}

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.
prereq: acceptance to the COMHE major or permission of the instructor.

3 hrs
3 cr .

\section*{COMHE 32800 - Public Health Biology}

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 33000 - Principles of Epidemiology}

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr.

\section*{COMHE 40500 - Health Care Systems and Health Policy}

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.
prereq: Acceptance to the COMHE major or permission of the instructor.
3 hrs
3 cr .

\section*{NFS 13100 - Food Science I}

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr .

\section*{NFS 14100 - Nutrition}

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .

\section*{NFS 33200-Cultural Aspects of Food and Nutrition}

Study of the way in which cultural, social and technological factors influence food behavior and dietary patterns. Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ANTHP 10100, SOC 101))

3 hrs
3 cr .

\section*{PHILO 25400 - Ethical Issues in Biology and Medical Care (W)}

\section*{GER}

3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

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

\section*{PSYCH 17000 - Psychology of Human Sexuality}

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .

\section*{PSYCH 18000 - Brain and Behavior}

GER
2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{PSYCH 21000 - Child Development (D/S)}

\section*{GER}

3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{WGSP 25100 - Women and Health}

\section*{Pluralism and Diversity}

PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed HED 20100
3 hrs
3 cr .

\section*{Track II: Human Evolution and Variation}

\section*{ANTHP 10100 (STEM) - Human Evolution}

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

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

\section*{ANTHP 21000 - Biology of the Living Primates}

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective.
3 hrs
3 cr .

\section*{ANTHP 30100 - Human Fossil Record}

\section*{Pluralism and Diversity}

PD/C
GER

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record. prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

\section*{ANTHP 30200 - Human Genetics}

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

\section*{ANTHP 30500 - Evolution of the Human Skeleton}

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.

> prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
> 3 hrs .
> 3 cr .

\section*{ANTHP 30600 - Human Anatomy}

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL102 (Principles of Biology 2) or

BIOL 12200 (Anatomy \& Physiology 2).
3 hrs .
3 cr .

\section*{ANTHP 31000 - Primate Ecology and Behavior}

\section*{GER}

3/B
Examination of ecological factors responsible for the distribution and behavior of living primate species.
prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
\(3 c r\).

\section*{ANTHP 31100 - Primate Evolution}

\section*{GER}

3/B
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHP 31200 - Primate Evolutionary Genetics}

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 31600 - Human Evolutionary Adaptations}

GER
3/B
How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 31800 - Primate Nutritional Ecology}

This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates
3 hrs.
3 cr .

\section*{BIOL 12500 (STEM) - Human Biology}

\section*{Hunter Core}

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

\section*{GER}

2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

\section*{BIOL 22000 - Topics in Genetics and Evolution}

\section*{GER}

3/B
Introduction to chromosome structure, mitosis and meiosis. Principles of Mendelian segregation. Linkage and eukaryotic gene mapping. Genetic analysis of mutations, and their use in genetic screens for gene discovery and pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution. prereq: BIOL 10000 or equiv.
3 hrs
3 cr .
spring only

\section*{BIOL 32200 - Evolution}

\section*{GER}

3/B
Modern synthetic theory, genetic basis of variation, gene pool in populations.
prereq: BIOL 30000
3 hrs (lec)
3 cr.
not offered 2015-16

\section*{PSYCH 16000 - Evolution and Behavior}

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{PSYCH 22500 - Ethology: Animal Behavior (B)}

\section*{GER}

3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{Track III: Human Organizations}

\section*{ANTHC 10100 - Introduction to Cultural Anthropology}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

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

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}
```

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

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Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.
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Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
cr.

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\section*{ANTHC 23200 - Archaeology of South America and the Caribbean}

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 30100-Gender in Anthropological Perspective}

\section*{Pluralism and Diversity}

PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 30800 - Human Ecology}

Pluralism and Diversity
PD/A
GER
3/B

Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 30900 - Countryside and City: Comparative Perspectives}

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 31200 - Anthropological Approaches to Sexuality}
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Pluralism and Diversity
PD/C
GER
3/B

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Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.
prereq: ANTHC 10100
3 hrs
3 cr .

\section*{ANTHC 31500-Applied Anthropology}

\section*{GER}

3/B`

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 32700 - Prehistoric Cultural Ecology}

\section*{GER}

3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr .

\section*{GEOG 24100 - Population Geography}
```

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

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Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

GER
2/B

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

\section*{PSYCH 17000 - Psychology of Human Sexuality}

\section*{Pluralism and Diversity}

PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .
PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
3 cr .

\section*{PSYCH 23000 - Social Psychology (D/S)}

\section*{GER}

3/B
Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{SOC 10100 - Introduction to Sociology}

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

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

\section*{SOC 20100-The Family}

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr .
SOC 21700-Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .
SOC 25100 - Interpersonal Behavior

GER
3/B
Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3 cr .
SOC 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C

GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 30100 - Medical Sociology}

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 30700 - Migration}

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

\section*{GER}

3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .
SOC 31700 - Class, Status, and Power

GER
3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36100 - Development and Modernization (W)}
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Pluralism and Diversity
PD/A
GER
3/B

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Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

\section*{C. Human Biology Senior Capstone}

\section*{HMBIO 40100 - Human Biology Senior Capstone}

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points. prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.
3 hrs
3 cr .

\section*{Optional Courses}

\section*{HMBIO 40200 - Independent Study}

Research project directed by a Human Biology Program participating faculty member. prereq: Permission of the Human Biology Program Director. Human Biology majors only. 1-3 hrs
1-3cr.

\section*{HMBIO 40300 - Internship}

Opportunity to participate in an internship in institutions related to the Human Biology major. prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1-3 hrs
1-3cr.
These do not count towards the credits listed above.

\section*{Honors Requirements}

Complete HMBIO 40200 Independent Study) (3 Credits) or HMBIO 40300 Internship (3 Credits) AND
Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.

\section*{Italian - BA}

\section*{Major}

The Italian major provides two concentrations:
a. Italian Literature ( 30 cr )
b. Italian Language and Civilization ( 30 cr .)

\section*{Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)}

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition ( 3 cr ). The 23-credit pedagogical sequence in adolescent education will serve as the minor. See the The School of Education section of the catalog for further information.

\section*{Minor in Italian (12 cr)}

Prerequisite for the minor

\section*{ITAL 20200 - Intermediate Italian II}
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Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an
intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.
-Or-

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\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .
or placement test

The minor of 12 credits utilizes four existing courses, all taught in Italian.

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
\(3 c r\).

\section*{ITAL 32100 - Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 311 or equiv.
3 hrs
3 cr.

\section*{ITAL 33100 - Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr .

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.

Hunter in Italy: Summer Program in Pescara, June-July, at the University of Pescara; Italian Language courses and Italian literature and culture courses taught in English.

Winter Program Hunter in Florence, held during January intersession, offers courses and Italian Culture and Literature taught in English.

\section*{Italian Language and Civilization (30 cr.)}

Return to: Italian - BA
A concentration on Italian language with an emphasis on oral and written communication.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ITAL 10100 - Elementary Italian I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL
10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr .

\section*{ITAL 10200 - Elementary Italian II}

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr .

\section*{ITAL 20100 - Intermediate Italian I}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr .

\section*{ITAL 10300 - Intensive Elementary Italian}

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
\(6 c r\).

\section*{ITAL 20300 - Intensive Intermediate Italian}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300
6 hrs
6 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major-30 credits}

\section*{15 credits from among}

\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or perm dept.
3 hrs
3 cr.

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.

3 hrs
3 cr .

\section*{ITAL 32100 - Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 311 or equiv.
3 hrs
3 cr .

\section*{ITAL 33100-Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr.

\section*{ITAL 36500 - The 20th Century: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{15 credits from Group A (offered in English) and Group B (offered in Italian) with no more than 9 credits from Group A.}

\section*{Group A:}

\section*{ITAL 26000 - Modern Italian Short Story (W)}

Pluralism and Diversity
PD/D
GER
2/C
In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ENGL 120 or equiv.
3 hrs
3 cr .

\section*{ITAL 27500 - Masterpieces of Italian Literature}

In English. Selections from Dante to Leopardi. Strongly recommended before taking any 300-level course. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr.

\section*{ITAL 27600 - Dante's Divine Comedy in English (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 28000 - The Italian Renaissance: An Introduction}

\section*{Hunter Core}

Individual and Society
Pluralism and Diversity
PD/D
GER
2/C
In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 33400 - Italian Civilization in the Baroque, in English}

\section*{Pluralism and Diversity}

PD/D
GER
2/C
An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation

3 hrs
3 cr .

\section*{ITAL 33500 - Italian Culture I}

\section*{GER}

2C

In English. Main intellectual-artistic currents from the 12th to 15th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .
ITAL 33600 - Italian Culture II

\section*{GER}

2/C

In English. Main intellectual-artistic currents from the 16th to 20th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 120
3 hrs
\(3 c r\).
ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English

\section*{Pluralism and Diversity}

PD/C
GER
2/C
Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
\(3 c r\).
ITAL 33800-19th and 20th Century Italian Women Writers, in English
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Pluralism and Diversity
PD/C
GER
3/A

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Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Marghenta Guidacci, Maria Luisa Spaziani.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .
Group B:

\section*{ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century}

\section*{GER}

3/A
Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200
3 hrs
3 cr .

\section*{ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present}
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Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr .

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ITAL 34300 - Dante's Vita Nuova and Inferno
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Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .
ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso
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Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .

\section*{ITAL 34500 - Dante's Paradiso and Major Prose Works}
Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .

\section*{ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism}

Pluralism and Diversity
PD/D
GER
3/A

Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 34700-16th Century Italian Literature}

Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .
ITAL 34800-17th and 18th Century Literature

Pluralism and Diversity
PD/D

GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 35000 - The Modern Italian Novel}

Pluralism and Diversity
PD/D
GER
3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35100 - The Modern Italian Theatre}

\section*{GER}

3/A

Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

ITAL 36000 - The Middle Ages: Special Topics

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr.

\section*{ITAL 36100 - The Renaissance: Special Topics}

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36200-The 17th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36300-The 18th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36400 - The 19th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 37000-Italian Literature: Special Topics}

\section*{GER}

3/A
Topics to be offered may include individual authors, themes, genres, movements, or approaches.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr .

\section*{ITAL 37500 - Seminar in Italian Literary History}

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34100, 34200
3 hrs
3 cr.

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: perm dept. adviser
1-3 cr.

\section*{Italian Literature (30 cr)}

Return to: Italian - BA
A concentration on Italian literature with an emphasis on the study of literary history and texts. The majority of the courses are offered in Italian.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ITAL 10100 - Elementary Italian I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
\(3 c r\).

\section*{ITAL 10200 - Elementary Italian II}

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr .
ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr .

\section*{ITAL 20200 - Intermediate Italian II}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr .
-or-

\section*{ITAL 10300 - Intensive Elementary Italian}

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
6 cr .

\section*{ITAL 20300 - Intensive Intermediate Italian}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300
6 hrs
6 cr.
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major-30 credits}

\section*{3 credits from}

\section*{ITAL 31100-Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr .

\section*{ITAL 33100-Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 202 or equiv.
3 hrs
3 cr .

\section*{9 credits from}

\section*{ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century}

\section*{GER}

3/A
Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr .
ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present
```

Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
$3 c r$.

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ITAL 34300 - Dante's Vita Nuova and Inferno
```

Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
\(3 c r\).

\section*{3 credits from}

\section*{ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso}
```

Pluralism and Diversity
PD/D
GER
3/A

```

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
\(3 c r\).
-or-

\section*{ITAL 34500 - Dante's Paradiso and Major Prose Works}

Pluralism and Diversity
PD/D
GER
3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .

\section*{15 credits chosen from}

\section*{ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism}
```

Pluralism and Diversity
PD/D
GER
3/A
Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
cr.

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ITAL 34700-16th Century Italian Literature

\section*{Pluralism and Diversity}

PD/D
GER
3/A

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 34800-17th and 18th Century Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
$3 c r$.

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\section*{ITAL 34900 - The Modern Italian Lyric}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

From Leopardi to contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35000 - The Modern Italian Novel}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200

3 hrs
3 cr .

\section*{ITAL \(\mathbf{3 5 1 0 0}\) - The Modern Italian Theatre}
```

GER
3/A
Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3cr.

```

ITAL 36000 - The Middle Ages: Special Topics

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36100 - The Renaissance: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36200 - The 17th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36300-The 18th Century: Special Topics}

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36400 - The 19th Century: Special Topics}

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36500 - The 20th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 37000 - Italian Literature: Special Topics}

\section*{GER}

3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr .

\section*{ITAL 37500-Seminar in Italian Literary History}

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34100, 34200
3 hrs
3 cr .

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: perm dept. adviser
1-3 cr.

\section*{Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:}

\section*{ITAL 39900 - Second Language Acquisition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr .

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: perm dept. adviser
1-3 cr.

\section*{SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12}

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .
- SEDC 712 (see graduate catalog)

\section*{Jewish Studies - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Jewish Studies Major}

The Jewish Studies program offers a 24 -credit major. The 24 required credits are distributed as follows:

\section*{Required of All Majors}

The 6 core credits required of all majors are:

\section*{HIST 20800 - History of the Jews}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/B
}

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

\section*{HEBR 22200 - Introduction to Jewish Texts and Writings}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

\section*{15 Credits in Jewish Studies}

In addition to the core courses, students must select 15 credits in Jewish studies in conjunction with the program adviser, at least 6 of which must be at the 300 -level or above. Students are encouraged to select from, but are not limited to, the following:

\section*{HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)}
```

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

```

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr .
HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)
GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

\section*{HEBR 49100 - Honors Project}

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr.

\section*{HIST 21000 - History of Judaism}

\section*{GER}

2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 24200 - The Holocaust: An Introduction

Pluralism and Diversity
PD/D
The attempt to exterminate the Jewish people by the Nazis.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17 th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 32100-History of the Holocaust

GER
3/B

Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 35700-American-Jewish History (W)}

Pluralism and Diversity
PD/D
GER
3/B

Development of the American Jewish community; economic, political and social integration; cultural adaptation. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{JS 31000 - Jewish Studies Fieldwork}

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr .
prereq: qualified \(J r / S r\).
hrs TBA
3-6 cr.

\section*{JS 40000 - Individual Honors Project}

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified \(\mathrm{Jr} / \mathrm{Sr}\), perm instr. or program director prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

\section*{JS 41050 - Jewish Studies Seminar I}

Selected topics and problems in Jewish studies.
prereq: qualified \(J r / S r\), perm instr. or program director
3 hrs
3 cr. each

\section*{JS 41051 - Jewish Studies Seminar II}

Selected topics and problems in Jewish studies.
prereq: qualified \(J r / S r\), perm instr. or program director
3 hrs
3 cr. each

\section*{POLSC 26400 - Government and Politics of Israel (W)}

GER
3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

REL 25200 - Ancient Near Eastern Religions (W)

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

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old
Testament).
prereq: ENGL 12000
3 hrs
3 cr .

REL 25300 - Abrahamic Religions (W)

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

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels. prereq: ENGL 12000
3 hrs
3 cr .

\section*{More Options}

Other courses that may be selected to meet this 15-credit requirement are ENGL 38663 (ENGL 38600), The Bible in British and American Literature, ENGL 39058 (ENGL 39000), Literature and Catastrophe (focus on Holocaust Studies), ENGL 39968 (ENGL 39900), Jewish American Literature, HIST 740, Modern Jewish Social and Intellectual History (see graduate catalog) and HIST 748, American Jewish History (see graduate catalog).

\section*{Note}

Up to 6 credits of independent study and fieldwork may be taken unless special permission is obtained from the program adviser.

\section*{Capstone Course (3 Credits)}

One of the following courses should be taken as a capstone course:

\section*{JS 40000 - Individual Honors Project}

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified \(\mathrm{Jr} / \mathrm{Sr}\), perm instr. or program director
prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

\section*{JS 41050 - Jewish Studies Seminar I}

Selected topics and problems in Jewish studies.
prereq: qualified \(J r / S r\), perm instr. or program director
3 hrs
3 cr. each

\section*{JS 41051 - Jewish Studies Seminar II}

Selected topics and problems in Jewish studies.
prereq: qualified \(J r / S r\), perm instr. or program director
3 hrs
3 cr. each

\section*{Minor in Jewish Studies}

The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of higher learning may be applied to the minor. Jewish Studies minors cannot apply any 100-level courses to the minor.

\section*{Honors in Jewish Studies}

Students will be eligible for honors in Jewish Studies upon completion of 24 credits in Jewish Studies with a 3.5 GPA and a 2.8 cumulative GPA at the time of graduation. To be eligible to graduate with honors in Jewish Studies, students can take the following JS 40000 (Individual Honors Project) or JS 41050/JS 41051 (Jewish Studies Seminar, I or II), HEBR 49100 (Honors Project) or graduate courses with special permission, with a grade of B or better. Eligible students should apply for honors at the time they file for graduation.

\section*{Latin - BA}

Return to Classical and Oriental Studies

\section*{24 credits of Latin above}

\section*{LAT 10100 - Beginning Latin}
```

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT }10100\mathrm{ without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr.
offered fall

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\section*{LAT 10200 - Beginning Latin}
```

3rs.
3cr.
offered spring
-or-

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LAT 10700 - Beginning Latin, Intensive
6 hrs
6 cr.
usually offered spring and summer

\section*{and a corequisite of}

\section*{GRK 10100 - Beginning Greek}
```

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement.
3 hrs
3cr.
offered fall

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3 hrs
3 cr .
offered spring

\section*{Preparation for Teaching in Grades 7-12}

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

\section*{Honors and Tutorials}

Departmental honors in classics and tutorials are open only to majors.

\section*{Classics: Minors}

\section*{Classical Studies}

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

\section*{Classical Archaeology}

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

\section*{Greek}

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200
Latin

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

\section*{Courses in Latin}

\section*{LAT 11000 - Latin Reading}
```

prereq: LAT 10200 or equiv.
3 hrs
3cr.
offered fall

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LAT 20100-Ovid's Metamorphoses
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prereq: LAT 11000 or equiv.
3 hrs

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3 cr .
LAT 20200 - Roman Biography
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

\section*{LAT 20300 - Vergil's Aeneid}
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prereq: LAT 11000 or equiv.

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3 hrs
3 cr .

LAT 20400 - Cicero's De Senectute
prereq: LAT 11000 or equiv.
3 hrs
3 cr .
LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr .
offered summer
LAT 30200 - Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

\section*{LAT 30300 - Roman Comedy}
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30400 - Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30500 - Vergil's Eclogues and Georgics
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prereq: LAT 20100 or equiv.

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3 hrs
3 cr .
LAT 30600-Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

\section*{LAT 30700 - Lucretius' De Rerum Natura}
```

prereq: LAT 20100 or equiv.
3 hrs
3cr.
LAT 30800 - Roman Epic
prereq: LAT 20100 or equiv.
3 hrs
3cr.
LAT 30900 - Lyric Poetry of the Golden Age

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prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31000 - The Roman Novel
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31100 - Elegiac Poets
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31200 - Livy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31400 - Tacitus
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

\section*{LAT 42100 - Independent Study in Latin Literature}

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.

\section*{Latin American and Caribbean Studies - BA}

The specialization in Latin American and Caribbean Studies as a major leading to a BA degree consists of 24 credits. The core courses for the major are drawn from the social sciences, humanities, and arts. Following the program's goal of exposing the region's realities from the perspectives of various disciplines, no more than two courses from any single department may count for the 24 major credits. The program recommends that students take a 12credit minor in one of the associated disciplinary departments. Students select courses for the major in consultation with the program's director or with a member of the Latin American and Caribbean Studies Faculty Advisory Committee.

The interdisciplinary specialization of the major will serve graduates well, whether they choose to seek employment in public or private organizations, pursue professional degrees, or go on to a graduate degree in the social sciences or humanities.

\section*{Language Requirement}

Latin American and Caribbean Studies majors are required to demonstrate a reading knowledge of Spanish, Portuguese, or French, fulfilled at least one semester before graduation from the college.

\section*{Course Requirements for the Major}

LACS students are required to take either LACS 33000 (a field course for students to study or intern in the region or intern in an institution in the New York area) or LACS 43400 (a course that comprises preparation of a major original research paper to be developed in close association with a mentor from the Latin American and Caribbean Studies Faculty Advisory Committee). ENGL 12000 is a prerequisite for program courses.

A field course for students to study in the region or who are interning in an institution either in the New York area or in the region. Major research paper based on field or internship experience.
3 cr.

\section*{LACS 43400 - Seminar in Latin American and Caribbean Studies}

Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have instructor permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 edits. 3 cr.

\section*{Departmental Honors}

LACS majors with a GPA above 3.5 are eligible to receive the Lily Mage Award.

\section*{CR/NC Policy}

No CR/NC grades will be accepted in courses to meet LACS major requirements.

\section*{Teaching}

In addition to its distinguished regular Hunter faculty, LACS offers students courses by excellent adjunct faculty.

\section*{Mentoring}

Faculty mentoring is very important to the LACS Program. Majors should maintain regular contact with their mentors/advisers.

\section*{Study Abroad}

Study abroad is encouraged for LACS majors. Study-abroad programs are offered through the Education Abroad Programs office at Hunter College..

\section*{Course Offerings for LACS}

Course Offerings in LACS from Other Departments

\section*{Africana and Puerto Rican/Latino Courses}

Courses from Africana and Puerto Rican Studies Department

\section*{AFPRL 10200 - Latino Communities in the United States}

\section*{Pluralism and Diversity}

PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr .

\section*{AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective}
```

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

```

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr .

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

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

```

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{AFPRL 23700 - African Caribbean Literature (W)}

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

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{AFPRL 24100 - Puerto Rican History to 1897}

Pluralism and Diversity PD/A

GER
2/B

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

\section*{AFPRL 24200 - Puerto Rican History Since 1898}

Pluralism and Diversity
PD/A
GER
2/B

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

\section*{AFPRL 24300 - Puerto Rican Culture}
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr.

\section*{AFPRL 24400 - Puerto Ricans in the United States}

Pluralism and Diversity
PD/B
GER
2/B
Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr .

\section*{AFPRL 25500 - Puerto Rican/Latino Children in North American Schools}
```

Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.
3 hrs
3cr.

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\section*{AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies}
```

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3cr.

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\section*{AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)}

GER
3/B

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr
3 hrs
3 cr .

\section*{AFPRL 31900 - Women in the African Diaspora (W)}

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

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

\section*{AFPRL 32000 - African-Caribbean Culture (W)}

Pluralism and Diversity
PD/A or B
GER
3/A

Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr .

AFPRL 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

\section*{AFPRL 35600 - Latino Literature in English (W)}

Pluralism and Diversity
PD/B
GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr.

\section*{AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)}

Pluralism and Diversity
PD/B
GER
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr .

\section*{AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)}

\section*{GER}

3/A or B

Topics change according to instructor.
Open to Jr/Sr only.
3 hrs
3 cr .

\section*{AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science}

Pluralism and Diversity
PD/B
GER
3/A or B

Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
3 cr .

\section*{AFPRL 44500-Caribbean Short Story in Spanish: Readings and Theories}

\section*{GER}

3/A
A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.
prereq or coreq: SPAN 20800
3 hrs
3 cr .

\section*{Anthropology}

ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

\section*{Economics}

\section*{ECO 33000-Economic Development}

Pluralism and Diversity
PD/A
GER
3/B
Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr .

\section*{Geography}

\section*{History}

\section*{HIST 27100 - Early History of Latin America}

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
\(3 c r\).

\section*{HIST 34122 - Latin American Political Economy}

\section*{GER}

3/B
courses at the 300-level and above not open to freshmen
3 hrs
3 cr .
HIST 34139 - African Influences in the Americas

GER
3/B

Courses at the 300-level and above not open to freshmen
3 hrs
3 cr .

\section*{Music}

\section*{MUSHL 24000 - Music of the Caribbean and Latin America (W)}

Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.
prereq: ENGL 12000; one of the following:MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr .
MUSHL 22100 - Black Music in the Americas (W)

Pluralism and Diversity
PD/B
GER
3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

\section*{Political Science}

\section*{POLSC 25300 - Government and Politics in Latin America (W)}

Pluralism and Diversity
PD/A
GER

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 26200 - Government and Politics in Central America (W)}

Pluralism and Diversity
PD/A
GER
3/B
Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 27100 - International Politics in the Americas (W)}

Pluralism and Diversity
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 28100 - Drugs, Politics and Public Policy (W)}

\section*{GER}

3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000
3 hrs
3 cr .
Romance Languages - Spanish

\section*{SPAN 26400 - Contemporary Spanish Literature in Translation}

Cela, Lorca, Unamuno, Ortega y Gasset.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{SPAN 27600 - Readings in Modern Spanish- American Literature}

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.
prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr .

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A
Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{SPAN 34100 - Introduction to Hispanic Literature I}
```

Pluralism and Diversity
PD/D
GER
3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr .

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\section*{SPAN 34200 - Introduction to Hispanic Literature II}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr .

\section*{SPAN 36400 - Spanish-American Modernism and Post-modernism}

\section*{GER}

3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 49100 - Honors Course in Spanish: Special Studies in Contemporary Latin American Literature

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Group meetings, conferences, oral and written reports.
prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
\(3 c r\).

\section*{Sociology}

\section*{SOC 30700 - Migration}
```

Pluralism and Diversity
PD/B
GER
3/B
Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .

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SOC 32502 - Sociology of Human Rights: Violation and Protection

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .
SOC 32506 - Latin American Societies

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

\section*{SOC 32519 - Economic Development and Social Inequality in Latin America}
```

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
cr.

```

SOC 36100 - Development and Modernization (W)

Pluralism and Diversity
PD/A
GER
3/B

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .
Women and Gender Studies

WGSA 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .
WGS 20005 - Dominican and Haitian Literature and Culture

3 hrs
3 cr.

\section*{Major concentration in Spanish-English/English-Spanish translation and interpretation (36 cr)}

This program prepares students for careers in the growing translation field. Students take courses in Spanish language, literature and civilization in conjunction with specialized courses in translation/interpretation theory and practice. Allied courses in English and related fields of study are required and must be approved by the program adviser. Sufficient flexibility is built into the program so that students may tailor certain requirements to fit their individual needs and interests. An intensive internship in translation and/or interpretation serves as the student's capstone
experience and preparation for future professional settings. Please see the department of Romance Languages for more details regarding this new and innovative program of study.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SPAN 10100 - Elementary Spanish I}
```

Hunter Core
World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy,
please see Appendix II: Foreign Language Requirement.
3 hrs
3cr.

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\section*{SPAN 10200 - Elementary Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr .

\section*{SPAN 20100 - Intermediate Spanish I}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr .

\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .
-or-

\section*{SPAN 10300 - Intensive Elementary Spanish}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr .

\section*{SPAN 20300 - Intensive Intermediate Spanish}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr .
-and-

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr .
-or-

\section*{SPAN 27000 - Spanish Composition for Spanish Speaking Students}
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr .

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major Course Requirements (36 credits)}

\section*{1. Linguistic Structures and Advanced Writing (9 cr.)}

\section*{SPAN 31100-The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser

3 hrs
\(3 c r\).

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{SPAN 31300 - Spanish Stylistics}

Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.
prereq: ENGL 12000; SPAN 31100, 31200, 34100, 34200
3 hrs
3 cr.

\section*{2. Lexical and Cultural Enrichment (12 cr.)}

\section*{SPAN 34100 - Introduction to Hispanic Literature I}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
\(3 c r\).

\section*{SPAN 34200 - Introduction to Hispanic Literature II}

Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr .
Two courses in contemporary Spanish or Spanish-American theatre, narrative or essay above SPAN 34200, or from any of the following:

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}
```

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3cr.

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\section*{SPAN 35500 - Spanish Literature from Realism to World War I}
```

Pluralism and Diversity
PD/D
GER
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3cr.

```
SPAN 35700 - Early 20th Century Spanish Literature
Pluralism and Diversity
PD/D
GER
3/A
Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 35800 - Post-Civil War Spanish Literature
Pluralism and Diversity
PD/D
GER
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
\(3 c r\).
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36600 - Contemporary Latin American Poetry

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36700 - Latin American Essay

GER
3/A
Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-
American history.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36800 - Contemporary Latin American Narrative

GER
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 37000 - Special Topics in Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

\section*{SPAN 37100 - Special Topics in Spanish- American Literature}

\section*{GER}

3/A
May be repeated with different topic. prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

\section*{SPAN 37400 - Contemporary Literature and Film}

GER
3/A

Conducted in Spanish. Analysis of contemporary novels from Latin America and Spain and the films based upon them prereq: SPAN 34100 or instructor permission
3 hrs
3 cr .
or from Africana and Puerto Rican Studies (taught in Spanish)
-or-
One of the above plus one course in Spanish or Spanish-American culture

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{3. Translation and Interpretation (15 cr.)}

\section*{SPAN 38000 - Introduction to Translation and Interpretation Studies}

Provides an introduction to basic concepts and techniques of translation and interpretation and develops a systematic approach to resolving language transference problems.
prereq: SPAN 31100 and 31200
3 hrs
3 cr .
Two courses from:

\section*{SPAN 38100 - Translation from Spanish into English}

Develops proficiency in translating from Spanish into English. The student will work with a variety of general Spanish texts and develop skills for analyzing and rendering them accurately into English. In addition, s/he will examine the best ways to handle idiomatic expressions, tenses and other complex grammatical structures. \(\mathrm{S} / \mathrm{he}\) will become familiar with the relevant terminology and theoretical issues, as well as learn how to select and evaluate dictionaries and other research materials.
prereq: SPAN 38000
3 hrs
3 cr.
SPAN 38200 - Consecutive Interpretation Spanish-English/English-Spanish

An overview of the principles of consecutive interpretation.
prereq: SPAN 38000
3 hrs
3 cr .

\section*{SPAN 38300 - Translation from English into Spanish}

Reinforces the basic principles of translation taught in SPAN 3800 with more advanced texts, and adds a special emphasis on style and the specific demands of certain categories of texts, as well as theoretical discussion regarding choices in translation.
prereq: SPAN 38000
3 hrs
3 cr.

\section*{SPAN 38400 - Simultaneous Interpretation Spanish-English}

Designed so that students may begin working directly on the skills, protocol and practice of simultaneous interpretation, analyze in detail its processes, and review the settings in which it is used.
prereq: SPAN 38000
3 hrs
3 cr .
one or more courses from SPAN 39000: (topics vary. See Schedule of classes for offerings)

\section*{SPAN 39000 - Translation and Interpretation for the Professions}

This series of courses will focus each semester on a different professional area, such as legal, medical, business, technical-scientific, social, and literary translation.
prereq: varies by course
3 hrs
3 cr.
One or more courses from:

\section*{SPAN 39100 - Internship in Translation}

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship. It consists of 70 hours of practical work in translation for a financial institution, law firm, translation agency, the United Nations, or other organization. In addition, the student must attend regularly scheduled meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional translation.
prereq: SPAN 38100-38400, 39000
3 hrs
3 cr.

\section*{SPAN 39200 - Internship in Interpretation}

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship to train them in real-world interpreting skills in the context of court interpreting, parliamentary procedure, diplomatic etiquette, conference organization, etc. This internship consists of 70 hours of practical work in interpretation as well as frequent meetings with the professor supervising the internship
in order to discuss issues and problems in the real world of professional interpretation.

\section*{Allied Course Requirements (12 credits)}
1. At least two courses from among the following (6 cr.)

ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods

Additional practice in expository writing; small classes (8-10).
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ENGL 21800 - Advanced Expository Writing}

Frequent writing practice, with emphasis on clarity, style and organization.
prereq: ENGL 12000
3 hrs + conf
3 cr .
ENGL 30100 - Theory and Practice of Expository Writing

GER
3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 30800 - Workshop in Non-Fiction I}

\section*{GER}

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr .

ENGL 30900 - Workshop in Non-Fiction II

GER
3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
3 cr.

\section*{ENGL 33100 - The Structure of Modern English}

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .

\section*{2. Choose either Option A -or- Option B}

Option A: Two courses in contemporary US literature written in English from the following courses ( 6 cr .)

\section*{ENGL 32000 - Multi-Ethnic American Literature (W)}

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr.

\section*{ENGL 32100 - Topics in African American Literature}

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 37700-20th and 21st Century American Fiction

GER
3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 37900-20th and 21st Century American Drama}

GER
3/A

Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{AFPRL 35600 - Latino Literature in English (W)}

Pluralism and Diversity
PD/B
GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr .
Option B: One courses from Option A above and one of the following courses (6 cr.)

\section*{ANTHC 15100 - Introduction to Linguistics}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B}

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

\section*{ANTHC 35100 - Language in Culture and Society}

GER
3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.

3 hrs
3 cr .

\section*{ANTHC 35300 - Phonological Analysis and Theory}

\section*{GER}

3/B

Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

\section*{ANTHC 35400-Grammatical Analysis and Theory}

GER
3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

\section*{AFPRL 18100 - Language and Ethnic Identity}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS

\section*{ENGL 33200 - History of the English Language (W)}

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
\(3 c r\).

\section*{MEDP 20100 - Reporting and Writing I (W)}

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDIA 18000
3 hrs
\(3 c r\).
MEDP 20200 - Reporting and Writing 2(W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr .

\section*{THEA 16100 - Acting I: Basic Acting Techniques}

For intended majors and non-majors. Exploration of the fundamentals of acting technique throughexercises and improvisation.
coreq:
3 hrs
3 cr .

\section*{THEA 26100 - Acting II: American Realism}

\section*{GER}

3/A
Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism. prereq: THEA 16100 or perm instr.
4 hrs
3 cr .

\section*{THEA 26200 - Acting III: World Realism}

\section*{GER}

3/A

Continuation of scene study focusing on text analysis, personalization, objective and action using the world realistic repertory, such as the plays of Chekhov, Ibsen and Strindberg.
prereq: THEA 26100 or perm instr.
coreq: THEA 26300
4 hrs
3 cr .

\section*{Mathematics - BA}
return to Mathematics BA Programs

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

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

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major}

To enter the standard Mathematics Major, the student should have completed the Foundational Courses of one year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent). The major consists of at least 33 credits of coursework: 24 credits of core curriculum courses and at least 9 credits of advanced elective courses chosen by students according to their career plans. Proficiency in symbolic computation is also required.

\section*{Major Core Curriculum (24 cr)}

\section*{MATH 15600 - Introduction to Mathematical Proof Workshop}

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

\section*{MATH 25000 - Calculus with Analytic Geometry III}

\section*{GER}

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

\section*{MATH 25400 - Ordinary Differential Equations}

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .
MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates. prereq: MATH 25000
3 hrs
3 cr .

\section*{MATH 26000 - Linear Algebra}

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications. prereq: MATH 15600
prereq or coreq: MATH 25000

4 hrs
4 cr.

\section*{MATH 31100 - Abstract Algebra I}
```

GER
3/B
Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3cr.

```

\section*{MATH 35100 - Mathematical Analysis I}

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .
-or-

\section*{STAT 31100 - Probability Theory}

GER
3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

Elective Courses

The student must complete three 3-credit approved elective courses. The elective courses must be chosen from the 300or 400 -level courses in mathematics or statistics listed by the department. Factors affecting the choice of courses will include the student's career goals (preparation for graduate study; education; careers in business, government service or industry), the student's other major, where applicable, and the availability of courses due to the course rotation schedule. A 300-level course may be replaced by a graduate level course approved by a departmental adviser.

\section*{Symbolic Computation Proficiency Requirement}

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:

\section*{a) passing any of}

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

\section*{MATH 15400 - An Introduction to Symbolic Computation}

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000
2 hrs
1 hr .

\section*{MATH 38500 - Numerical Methods I}

\section*{GER}

3/B

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr .
b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

\section*{Mathematics BA Programs}

The mathematics major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas. It trains students in the analytic thinking characteristic of pure and applied mathematics and provides familiarity with rigorous methods of mathematical proof. In addition to offering a standard Mathematics Major, described below, the department also offers a number of specialized undergraduate tracks for students interested in pursuing careers in bioinformatics or in preparing for teaching: the concentration in Quantitative Biology, the concentration in Preparation for Adolescent Education (grades 7-12), and the concentration in Preparation for Childhood Education (grades 1-6.)

Students interested in pursuing mathematics at the advanced graduate level are urged to participate in the BA/MA program in Mathematics. The BA/MA program in Preparation for Adolescent Education leads to initial certification in adolescent education (grades 7-12) in mathematics. Certification may also be received by completing the BA degree with a Mathematics Major and then completing the MA in adolescent education in mathematics .

Mathematics - BA
Mathematics Concentration in Preparation for Adolescent Education (Grades 7-12) - BA
Mathematics Major with a Concentration in Quantitative Biology - BA
Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA
Mathematics or Statistics and Applied Mathematics - BA/MA
Mathematics Preparation for Adolescent Education (Grades 7-12) - BA/MA

\section*{Honors}

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600 , by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

\section*{MATH 49000 - Honors Seminar}

\section*{GER \\ 3/B \\ prereq: MATH 31100, 35100, departmental permission \\ 3 hrs \\ 3 cr .}
-or-

\section*{STAT 48600 - Modeling and Visualization}

\section*{GER}

3/B

The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors.
prereq: departmental permission
3 hrs
3 cr.

\section*{Minor in Mathematics}

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:
- MATH courses numbered MATH 15000 or above

\section*{STAT 31100 - Probability Theory}

\section*{GER}

3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

\section*{STAT 31200 - Stochastic Processes}

\section*{GER}

3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr.
Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

\title{
Mathematics Concentration in Preparation for Adolescent Education (Grades 7-12) - BA
}
return to Mathematics BA Programs
Provisional certification for teaching mathematics in grades 7-12 may be obtained by:
- Completing the BA with a standard mathematics major, and
- Completing the adolescent education sequence as prescribed by the The School of Education.

Students following this concentration in the mathematics major should consult a departmental adviser as to which advanced elective courses are recommended to complete 33 or more credits in the major.

\section*{Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA}
return to Mathematics BA Programs
This concentration constitutes a mathematics major for students in the Quality Urban Elementary School Teacher (QUEST) program. QUEST students majoring in mathematics are not exempt from the MATH 10400 (STEM)/MATH

10500 requirement. To enter this major, the student should have completed one semester of calculus (MATH 15000 (STEM) or the equivalent). The specified collateral major is Childhood Education. This mathematics major consists of at least 32 credits of coursework: 20 credits of major core curriculum courses and at least 12 additional credits, as described below.

The student should consult the School of Education for the sequence of teacher education courses in the Childhood Education (QUEST) major.

\section*{Major Core Curriculum (20 credits)}

\section*{MATH 15400 - An Introduction to Symbolic Computation}

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000
2 hrs
1 hr .

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

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

\section*{MATH 15600 - Introduction to Mathematical Proof Workshop}

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

\section*{MATH 16000 - Matrix Algebra}

\section*{GER}

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

\section*{MATH 25000 - Calculus with Analytic Geometry III}

\section*{GER}

3/B
```

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

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MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{Additional Required Courses (at least 12 credits)}

\section*{STAT 21200 - Discrete Probability}

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

STAT 22000 - Statistical Analysis in Forensics

GER
3/B

A second course in probability and statistics and the evaluation of evidence in the forensic sciences.
prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200
or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.
3 hrs
3 cr .
- Two additional courses approved by a departmental adviser

\title{
Mathematics Major with a Concentration in Quantitative Biology - BA
}

\author{
return to Mathematics BA Programs
}

This program is for students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry.

\section*{Foundational Courses}

The requirements for the mathematics major, which also apply to the bioinformatics concentration, are the entry requirements of MATH 15000: Calculus with Analytic Geometry I ( 4 cr ) and MATH 15500: Calculus with Analytic Geometry II ( 4 cr ), the symbolic computation proficiency requirement, which is met by taking STAT 31900, and the following major core curriculum. Students may be except of some of these courses by placement. Please contact the Department for information on exceptions.

\section*{Entry Requirements}

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.
MATH 15000 (STEM) - Calculus with Analytic Geometry I

\section*{Hunter Core}

Math/Quantitative Reasoning

GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

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

\section*{The Following Courses with B- or better}

In order to enroll in the quantitative biology concentration within the mathematics major, students must obtain an average of B- or better in the following courses:

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}
```

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

```

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER \\ GER 3/B}

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{BIOL 10000 (STEM) - Principles of Biology I}
```

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

```

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only
In addition, no more than one (1) of these four courses may be passed with a grade of C.

\section*{Requirements for the Major}

\section*{Symbolic Computation Proficiency Requirement}

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:
a) passing any of

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

\section*{MATH 15400 - An Introduction to Symbolic Computation}

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000
2 hrs
1 hr .

\section*{MATH 38500 - Numerical Methods I}

\section*{GER}

3/B
Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr .
b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

\section*{Major Core Curriculum}

\section*{MATH 15600 - Introduction to Mathematical Proof Workshop}

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
```

prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

```

\section*{MATH 25000 - Calculus with Analytic Geometry III}

\section*{GER}
```

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

```

MATH 25400 - Ordinary Differential Equations

\section*{GER}

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates. prereq: MATH 25000
3 hrs
3 cr .

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.
MATH 31100-Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr .

\section*{MATH 35100 - Mathematical Analysis I}

\section*{GER}

3/B
Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000,26000
3 hrs
\(3 c r\).

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{STAT 31100 - Probability Theory}

GER
3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
\(3 c r\).

\section*{Additional Required Courses}

\section*{STAT 31900 - Bayesian Statistical Inference in the Sciences}

GER
3/B
Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte

Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

\section*{CSCI 13200 - Practical UNIX and Programming, with Lab}

\section*{Hunter Core}

Scientific World (SW)

\section*{GER}

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

\section*{CSCI 23200 - Relational Databases and SQL Programming, with Lab}

\section*{GER}

3/B
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.

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

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER \\ GER 3/B}

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4cr.

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

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

\section*{BIOL 20300 - Molecular Biology and Genetics}

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

\section*{BIOL 42500 - Computational Molecular Biology}

\section*{GER}

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

\section*{Note:}

For more information about this concentration, visit: http://www.hunter.cuny.edu/qubi/mathematics-majors

\section*{Media Studies - BA}

\section*{Hunter Core Requirement}

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major (36 cr)}

Students must receive a grade of B or better in MEDIA 18000 to declare a major in Media Studies. The major must be declared in person with an undergraduate media studies adviser. (see department website for adviser schedules http://fm.hunter.cuny.edu/).

Students will be able to do a
Media Studies BA: General Media Studies Major
but may choose one of the concentrations in the major. These concentrations are
Media Studies BA: Concentration in Media Analysis and Criticism
Media Studies BA: Concentration in Documentary and Television Production
Media Studies BA: Concentration in Journalism
Media Studies BA: Emerging Media
However, these concentrations are optional; as long as they satisfy the General Media Studies Major requirements, students may combine courses from different concentrations.

Students majoring in Media Studies must take the following introductory courses. These courses count toward the major.

MEDIA 18000
FILMP 15000/MEDP 15000
FILMP 16000/MEDP 16000

A maximum of 6 credits in FILM or FILMP courses at the 200- or 300-level may be applied toward the major in media studies. Students must meet any prerequisites for these courses. Courses in Independent Study, Honors Project, and Internship do not count toward the major. Students must consult a program adviser to plan choice and sequence of courses.

\section*{Double Majors}

Students may choose to complete a major in the Department of Film and Media Studies and a second major in another department. A student cannot declare a double major in film and media studies. Because of the intensive nature of the production courses in both Film and Media Studies, it is strongly recommended that all students take no more than two production courses per semester.

\section*{Minor in Media Studies}

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200-level course and at least one 300 -level course are required. The other three courses can be at any level. Course prerequisites must be
satisfied. Internships and independent studies do not count towards the minor. Courses may be taken as either MEDIA or MEDP.

\section*{Honors}

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project FILM 40200 or MEDIA 40200, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400 -level production or analytical seminar course with a grade of A. See the department for more information.

\section*{Media Studies BA: Concentration in Documentary and Television Production}

Return to Media Studies - BA
This concentration is intended to give students foundational knowledge in the theory and practice of linear non-fiction video and related digital media skills. Students in this concentration will also specialize in one of three advanced areas: Documentary Production, Experimental Media Production or Studio Television Production.

\section*{Hunter Core Requirement}

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

In the case of the Media Studies major, the courses that meet CCC are:
\begin{tabular}{lll} 
Courses & CUNY Common Core & Foundational or Major \\
MEDIA 18000 & Individual \& Society & Major
\end{tabular}

\section*{Major- 36 credits}

\section*{A. Introductory Courses (9 cr.)}

\section*{MEDIA 18000 - Introduction to Media Studies}

\section*{Hunter Core}

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

\section*{MEDP 15000 - Media and Film in a Digital Age Pt. 1}

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

\section*{MEDP 16000 - Media and Film in a Digital Age Pt. 2}

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class. cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

\section*{B. Required Production Courses (9 cr.)}

\section*{MEDP 28100 - Documentary Video Production 1}

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
3 cr .

\section*{MEDP 29000 - Developing the Documentary (W)}

This workshop guides students through the research, writing and production planning essential for creating a video or film documentary.
prereq: MEDIA 18000 and MEDP 16000
3 hrs
3 cr .
Choice of one course from the following

\section*{MEDP 31100 - Documentary Video Production 2}

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Material Fee: \$20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
4 hrs
3 cr .

\section*{MEDP 31600 - Experimental Production}

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.
prereq: FILM 25100 or MEDP 28100 or perm. instr.
3 hrs
3 cr .

\section*{C. Elective Production Courses ( 9 cr .)}

These may be any regular 200- or 300-level MEDP courses. Any regular 200- or 300-level FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

\section*{D. Required Analytical Course (3 cr.)}

\section*{MEDIA 31500 - Nonfiction Film and Video}

GER
3/A
Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
3 cr .

\section*{E. Elective Analytical Courses (6 cr.)}

Two regular analytical courses may be chosen from any analytical offering, however it is strongly recommended that students consider analytical courses in relation to their area of production.

\section*{F. Total (36 cr.)}

\section*{Media Studies BA: Concentration in Journalism}

\section*{Return to Media Studies - BA}

The journalism concentration offers a liberal arts approach to the study of news. Students will learn to gather information through observation, interviews, and research, to evaluate it and to communicate it through clear and compelling writing enhanced by photography, video, audio, and interactive features. In addition to a toolkit for newsgathering and presentation, they will gain a critical perspective through courses that offer a critical analysis of media.

\section*{Hunter Core Requirement}

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

In the case of the Media Studies major, the courses that meet CCC are:
\begin{tabular}{lll} 
Courses & CUNY Common Core & Foundational or Major \\
MEDIA 18000 & Individual \& Society & Major
\end{tabular}

\section*{Major-36 credits}

\section*{A. Introductory Courses (9 cr.)}

\section*{MEDIA 18000 - Introduction to Media Studies}
```

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

```

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

\section*{MEDP 15000 - Media and Film in a Digital Age Pt. 1}

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
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cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 \mathrm { hrs }
cr.

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\section*{MEDP 16000 - Media and Film in a Digital Age Pt. 2}

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

\section*{B. Required Production Courses (6 cr.)}

MEDP 20100 - Reporting and Writing I (W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDP 20200 - Reporting and Writing 2(W)}

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr.

\section*{C. Elective Production Courses ( 12 cr .)}

Choose among:

\section*{MEDP 23900 - Entertainment Journalism (W)}

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.
prereq: MEDP 20100
3 hrs
3 cr .

\section*{MEDP 28100 - Documentary Video Production 1}

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
\(3 c r\).

\section*{MEDP 28300 - Electronic News Gathering}

This workshop guides students through the research, writing, digital video production and digital editing of community television news stories.
prereq: MEDP 28100
3 hrs
3 cr .
MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.
prereq: MEDP/FILMP 15000
3 hrs
3 cr .

\section*{MEDP 29400 - Magazine Writing (W)}

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.
prereq: MEDP 20100
3 hrs
3 cr .

\section*{MEDP 29500 - Online Journalism (W)}

Evaluating and employing the Internet as a source of information for journalists, as a subject of journalistic coverage and as a new form of newspaper publication.
prereq: MEDP 20100
3 hrs
3 cr.

\section*{MEDP 29600 - Feature Writing (W)}

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.
prereq: MEDP 20100
3 hrs
3 cr

\section*{MEDP 31100 - Documentary Video Production 2}

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Material Fee: \$20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
4 hrs
3 cr .

\section*{MEDP 34500 - Web Design Projects}

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
prereq: MEDP 33100 or perm instr.

3 hrs
3 cr .

\section*{MEDP 37200 - Investigative Reporting (W)}

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
prereq: MEDP 20100
3 hrs
3 cr .
MEDP 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce a community newspaper and on-line news outlet serving underserved neighborhoods. This class may be repeated once for credit.
prereq: MEDP 20100 or permission of instructor
3 hrs
3 cr .

\section*{MEDP 39900 - Special Topics in Advanced Media Production}

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr.

\section*{E. Elective Analytical Courses (9 cr.)}

Analytical courses may be chosen from any analytical offering; however, it is strongly recommended that students consider analytical courses in relation to their area of production.

\section*{Media Studies BA: Concentration in Media Analysis and Criticism}

Return to Media Studies - BA
The media analysis concentration develops critical thinking in students and offers students in-depth understanding of the field of media studies. It includes the study of Media Representations; Media Technologies, Industries, and Policies; and News, Politics, and Propaganda.

\section*{Hunter Core Requirement}

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

In the case of the Media Studies major, the courses that meet CCC are:
\begin{tabular}{lll} 
Courses & CUNY Common Core & Foundational or Major \\
MEDIA 18000 & Individual \& Society & Major
\end{tabular}

\section*{Major- 36 credits}

\section*{A. Introductory Courses (9 cr.)}

\section*{MEDIA 18000 - Introduction to Media Studies}

\author{
Hunter Core \\ Individual \& Society (Social Sciences) - I\&S SS \\ GER \\ 2/C
}

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

\section*{MEDP 15000 - Media and Film in a Digital Age Pt. 1}

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

\section*{MEDP 16000 - Media and Film in a Digital Age Pt. 2}

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
\(3 c r\).

\section*{B. Required Analytical Courses (21 CR):}

Analytical courses in 3 categories, as outlined below.
Some courses are listed in more than 1 place, but each course fulfills a requirement in just 1 category. (Students may not double count a course.)

\section*{1. Media Representations (9 credits from the following)}

\section*{MEDIA 27100 - Television Culture}

\section*{GER}

3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDIA 29853 - The Horror Film}

\section*{GER}

3/A
A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.
prereq: MEDIA 18000 or FILM 10100
3 hrs
3 cr .

\section*{MEDIA 31500 - Nonfiction Film and Video}

\section*{GER}

3/A
Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
3 cr .

\section*{MEDIA 32600 - America in American Film and Video}

GER
3/A
Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 32700 - Representations of Race and Ethnicity in U.S. Media

\section*{Pluralism and Diversity}

PD/B
GER
3/A
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A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.
prereq: MEDIA 18000
4 hrs
3cr.

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\section*{MEDIA 33200 - Myths and Images in the Media}

GER
3/A
Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society. prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDIA 33300-Typecasting}

\section*{GER}

3/A
```

A history of the relationship between stereotyping as a social, cultural and psychological language and the rise of modern society.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 180 and either MEDIA 327 or MEDIA 384 or perm instr.
3 hrs
3 cr .

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MEDIA 37400 - Media, Sports, and Society
GER
3/A
Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDIA 38400 - Women and Media}

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGSA 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr.

\section*{MEDIA 39700 - Cult TV and its Audiences}

\section*{GER}

3/A

This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.
prereq: MEDIA 27100
3 hrs
3 cr.

\section*{2. Media Technologies, Industries, and Policies (6 credits from the following)}

\section*{MEDIA 26000 - Internet and Society}

GER
3/A

The Impact of the Internet on American and global society.
prereq: MEDIA 18000 or permission of instr.
3 hrs
\(3 c r\).

\section*{MEDIA 36500 - Digital Copyright}

GER
3/A
An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-topeer trading, digital rights management, and third party liability for information service providers.
prereq: MEDIA 18000
3 hrs
3 cr .

MEDIA 37400 - Media, Sports, and Society

GER
3/A

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.
prereq: MEDIA 18000
3 hrs
3 cr.

\section*{MEDIA 38000 - History of Broadcasting}

\section*{GER}

3/A

Broadcasting's roots in industrialization and influence on modern society.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDIA 38300 - Popular Music and the Music Industry}

\section*{GER}

3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry. Particular emphasis on popular music from fifties to present.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDIA 39200 - Communications, Technology and Change}

\section*{GER}

3/A

Examination of media technologies, their development and their impact on quality and organization of human life. prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDIA 39400 - Mass Communications and the Law}

\section*{GER}

3/A

Relationship of mass media to significant constitutional problems.
prereq: MEDIA 18000
3 hrs
3 cr .

MEDIA 39600 - Global Communication

\section*{GER}

3/A

Structures, policies and impact of global communications. Areas covered include global news, film, TV and music industries; telecommunications and the Internet.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr.

\section*{3. News, Politics, and Propaganda (6 credits from the following)}

\section*{MEDIA 21000 - Journalism and Society}

\section*{GER}

3/A

This course focuses on industry issues and service to the public good. It is partly designed for students interested in careers in journalism, who can benefit from greater sophistication about the news industry. The course explores the way news is gathered and written, the way news organizations are structured and financed, and the way they relate to other forms of political and entertainment communication. It examines the ways that the news industry describes itself and its problems and surveys journalistic practice in different media, e.g. print, the Internet, etc. Many of the readings will be drawn from the news industry trade press as well as from cultural studies and media sociology. Students will be asked to address journalism as citizens, weighing the role of journalism in our democracy.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDIA 31300-The Culture of Publicity}

\section*{GER}

3/A
An in-depth historical understanding of public relations, social image-management, and opinion engineering in the U.S. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDIA 37300 - Journalism as Literature}

\section*{GER}

3/A
An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.
prereq: MEDIA 18000
3 hrs
\(3 c r\).

\section*{MEDIA 37500 - Media and Politics}

GER
3/A

The impact of the electronic media on American politics.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 38000 - History of Broadcasting

GER
3/A

Broadcasting's roots in industrialization and influence on modern society.
prereq: MEDIA 18000
3 hrs
3 cr.
MEDIA 38100 - Propaganda and the Mass Media

GER
3/A

Study of mass media (broadcast, film, print) as forms for propaganda.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 39000 - Broadcast Journalism

GER
3/A

Structure and operations of radio and television news in relation to social, political and economic institutions. prereq: MEDIA 18000
3 hrs
3 cr .

MEDIA 39100 - History of Print Journalism

GER
3/A

Development of newspapers and magazines as social force.
prereq: MEDIA 18000
3 hrs
3 cr .

\title{
C. Elective Analytical or Production Courses at the 200-level or higher (6 cr.)
}

\section*{Media Studies BA: Emerging Media}

Return to Media Studies - BA
The Emerging Media concentration gives students foundational knowledge in the theory and practice of digital media as a creative and investigative form of production. Students in this concentration may elect to specialize in various areas of production including Web Production, Interactive Media Production and 3D Imaging Production or may elect a broad curriculum of study from the Emerging Media courses. The curriculum interweaves technical instruction with aesthetic, communicative and cultural production and research to help a student establish a cohesive portfolio in new media.

\section*{Hunter Core Requirement}

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Emerging Media Concentration, the courses that meet CCC are:
\begin{tabular}{lll} 
Courses & CUNY Common Core & Foundational or Major \\
MEDIA 18000 & Individual \& Society & Major
\end{tabular}

Major- 36 credits

\section*{A. Introductory Courses (9 cr.)}

\section*{MEDIA 18000 - Introduction to Media Studies}

\section*{Hunter Core}

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

\section*{MEDP 15000 - Media and Film in a Digital Age Pt. 1}

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
\(3 c r\).

\section*{MEDP 16000 - Media and Film in a Digital Age Pt. 2}

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class. cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

\section*{B. Required Production Courses}
-select 4 from the list below for 12 credits:

\section*{MEDP 25000 - Digital Design and Usability}

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.
prereq: MEDP/FILMP 15000
3 hrs .
3 cr .

\section*{MEDP 26000 - Introduction to 2D Animation}

This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.
prereq: MEDIA 18000. MEDP 15000, MEDP 16000
4 hrs.
3 cr .

\section*{MEDP 28100 - Documentary Video Production 1}

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
3 cr .

\section*{MEDP 28500 - Web Production I}

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

3 hrs
\(3 c r\).

\section*{MEDP 33100 - Web Production II}

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.
prereq: MEDP 28500
3 hrs
\(3 c r\).

\section*{MEDP 34100 - Web Programming}

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive web sites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.
prereq: MEDP 28500
3 hrs
\(3 c r\).

\section*{MEDP 34500 - Web Design Projects}

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
prereq: MEDP 33100 or perm instr.
3 hrs
3 cr.

\section*{MEDP 34900 - Introduction to Physical Computing}

This hands-on class is an introduction to electronics, circuit building and the programming of microcontrollers for the production of interactive creative works that may include installation and art objects.
prereq: MEDP 150, MEDP 160

\section*{MEDP 35500 - Physical Computing: Interactive Installation}

\footnotetext{
A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: \$20
prereq: MEDIA 18000, MEDP 15000 and 16000, MEDP 28500
3 hrs
3 cr .
}

\section*{MEDP 36000-3D Animation and Modeling}

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based art.
prereq: MEDP 25000, MEDP 26000
3 hrs.
3 cr .

\section*{MEDP 36500-3D Virtual Environments}

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.
prereq: MEDP 36000
3 hrs.
3 cr .

\section*{MEDP 39909-Game Design and Programming}

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of gamedevelopment tools and approaches, while exploring a variety of theoretical, social, and other aspects of modern game culture.
prereq: MEDP 25000
prereq or coreq: MEDIA 36300
3 hrs
\(3 c r\).

\section*{MEDP 39950 - Motion Graphics}

This course examines the design and use of computer animation and effects for digital video. The course emphasizes the use of motion graphics to animate and render typography, effects and the compositing of distinct visual assets as well as its function within a greater narrative.
prereq: MEDP/FILMP 15000 and MEDP/FILMP 16000 and MEDP 25000
3 hrs
3 cr .

\section*{C. Elective Production Courses ( 6 cr .)}

These may be any regular 200- or 300-level MEDP courses including those from the list of required courses (see B. above.) Any regular 200- or 300-level FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

\section*{D. Elective Analytical Courses ( 9 cr .)}

Three analytical courses may be chosen from any analytical offering; however it is strongly recommended that students consider analytical courses in relation to their area of production.

\section*{E. Total (36 cr.)}

\section*{Media Studies BA: General Media Studies Major}

Return to Media Studies - BA

\section*{Hunter Core Requirement}

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

In the case of the Media Studies major, the courses that meet CCC are:
\begin{tabular}{lll} 
Courses & CUNY Common Core & Foundational or Major \\
MEDIA 18000 & Individual \& Society & Major
\end{tabular}

Major - 36 credits

\section*{A. Required Introductory Courses (9 cr.)}

\section*{MEDIA 18000 - Introduction to Media Studies}

\section*{Hunter Core}

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
\(3 c r\).

\section*{MEDP 15000 - Media and Film in a Digital Age Pt. 1}

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
```

cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3cr.

```

MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

\section*{B. Required Analytical Courses (9 cr.)}

Students must take at least 9 credits of analytical courses. Any 200- and 300-level MEDIA courses may be used to meet this requirement. Any 200- or 300-level FILM course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major. MEDP and FILMP courses do not count toward the analytical requirement.

\section*{C. Elective Analytical or Production Courses (18 cr.)}

Students must take an additional 18 credits of analytical and/or production courses. These may be any 200- or 300level MEDIA or MEDP courses. Any 200- or 300-level FILM or FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

\section*{Music 25-Credit Major (BA)}

This degree is designed for students who want to study music in the context of a general liberal arts education, but who do not plan to pursue careers in music. It may also be convenient for students who enter Hunter with a large number of transfer credits in music. Requirements are:

\section*{Foundational Courses}

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

\section*{Courses}

\section*{CUNY Common Core}

ENGL 12000 - Expository WritingEnglish Composition (EC)

Foundational or Major
Foundational

\section*{Music History}

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

\section*{MUSHL 20500 - Music History I}
```

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall

```

\section*{MUSHL 20600 - Music History II (W)}
```

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600
to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

```

\section*{MUSHL 30500-Music History III (W)}

\section*{Pluralism and Diversity}

PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present. prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall
- and any other 3-credit MUSHL course at the 300-level

\section*{Music Theory}

\section*{MUSTH 22000 - Music Theory I}

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
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coreq: MUSTH 23000

```
3 hrs
3 cr .
offered fall

\section*{MUSTH 22100 - Music Theory II}
```

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3cr.
offered spring

```

\section*{MUSTH 23000-Musicianship I}

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

\section*{MUSTH 23100 - Musicianship II}

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.
offered spring

\section*{Performance:}

\section*{MUSPF 22100 - College Choir}

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

\section*{MUSPF 23100 - Hunter Symphony}

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{Music 42-Credit Major (BA)}

This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any aspect of the field. Requirements are:

\section*{Foundational Courses}

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement
\begin{tabular}{lll} 
Courses \(\quad\) CUNY Common Core & Foundational or Major \\
ENGL 12000 - Expository WritingEnglish Composition (EC) & Foundational
\end{tabular}

\section*{Music BA-42-Credit Major}

\section*{Music history:}

\section*{MUSHL 20100 - Introduction to Music Research}

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

\section*{MUSHL 20500-Music History I}

\section*{Pluralism and Diversity \\ PD/D \\ For music majors. Survey of the history of music in the European tradition to 1600. \\ prereq: elementary knowledge of music history and literature, demonstrated by dept. exam}
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

\section*{MUSHL 20600 - Music History II (W)}
```

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600
to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3cr.
offered spring

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\section*{MUSHL 30500 - Music History III (W)}
```

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
And any other 3-credit MUSHL course at the 300-level

```

\section*{Music theory:}

\section*{MUSTH 20100 - Introduction to Music Technology}

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

\section*{MUSTH 22000 - Music Theory I}

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

\section*{MUSTH 22100 - Music Theory II}
```

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3cr.
offered spring

```

\section*{MUSTH 23000-Musicianship I}

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr .
offered fall

\section*{MUSTH 23100-Musicianship II}
```

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring

```

\section*{MUSTH 32000 - Music Theory III}

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr.
offered fall

\section*{MUSTH 33000 - Musicianship III}

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
and any other 3-credit MUSTH course at the 300-level

\section*{Performance:}

\section*{MUSPF 40100 - Individual Instruction in Instrument or Voice}

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the \(\mathrm{BA} / \mathrm{MA}\) music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level

2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

\section*{2 credits in large ensembles}

\section*{MUSPF 22100 - College Choir}

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

\section*{MUSPF 23100 - Hunter Symphony}

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .
2 credits in performance electives

\section*{MUSPF 22100 - College Choir}

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

\section*{MUSPF 23100 - Hunter Symphony}

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

\section*{MUSPF 24900 - Jazz Ensemble}

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
2 hrs
1 cr .

\section*{MUSPF 25000 - Jazz and Popular Music Combos}

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.

\section*{prereq or coreq: audition, dept. permission required}

2 hrs
1 cr .

\section*{MUSPF 25100 - Jazz Vocal Workshop Ensemble}

Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

\section*{MUSPF 35300 - Chamber Singers}

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times. prereq: audition, perm instr.
2 hrs
1 cr .

\section*{MUSPF 35500 - Chamber Music Workshop}

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

\section*{MUSPF 36500 - Topics in Piano Performance}

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

\section*{MUSPF 36900 - Topics in Vocal Performance}

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

\section*{MUSPF 40100 - Individual Instruction in Instrument or Voice}

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the \(\mathrm{BA} / \mathrm{MA}\) music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level

2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

\section*{Electives:}
- 4 credits in music courses above the 100 -level

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\title{
Option in Social Studies within the Geography Major for Adolescent Education Teachers
}

\begin{abstract}
Return to: Geography - BA
In cooperation with the The School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching social studies in grades \(7-12\). In addition to mandatory course work provided by the School of Education, interested students must complete the course of study outlined below. At least 18 credits of these courses or equivalents must be satisfactorily completed (grade of C or better) before the student enrolls in the social studies methods courses. Refer to the catalog section specific to programs in the The School of Education.
\end{abstract}

Transfer students who enter Hunter College with more than 90 credits or who will exceed 90 credits in completing the prerequisites for this option in the Geography major, cannot apply for the Adolescent Education program of the School of Education. They may still complete this option within the Geography major but must complete a Master of Arts degree in Adolescent Education before certification as a New York State teacher. While New York State recognizes the regular major in Geography for certification in Childhood Education, students interested in becoming certified as Social Studies-Adolescent Education teachers in New York State must complete this interdisciplinary course of study.

\section*{Prerequisites for the Major 9 credits}

\section*{HIST 15100 - The United States from the Colonial Era to the Civil War (W)}
```

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

```

American political, social and cultural history from the time of the European settlements to the Civil War.

Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 15200 - The United States from the Civil War Era to the Present (W)}
```

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

```

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

\section*{GEOG 15000 - World Regional Geography}
```

Pluralism and Diversity
PD/A or D
GER
2/B

```

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

\section*{Requirements for the Major 36 credits}

\section*{ECO 10000 - Introduction to Economics}

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

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

\section*{Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{B}\) or C \\ GER \\ 3/B}

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.
prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

HIST 11100 - World History to 1500

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

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

\section*{HIST 11200 - World History from 1500 to the Present}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B}

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.
1. Required courses ( 18 cr .)

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

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

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

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{ECO 10000 - Introduction to Economics}

\section*{Hunter Core}

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

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

\section*{GEOG 24100 - Population Geography}
```

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

```

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .
HIST 11100 - World History to 1500

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

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

\section*{HIST 11200 - World History from 1500 to the Present}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B}

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

\section*{2. One 3-credit course in cultural anthropology (ANTHC) or Sociology (3 cr)}
- One 3-credit course in cultural anthropology (ANTHC) or Sociology (SOC) selected with approval of the Geography Undergraduate Adviser.

\section*{3. Elective Courses in History (6 credits)}
- Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

\section*{4. Elective Courses in Geography ( 9 credits, at least 6 credits at the 300 level)}

\section*{GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions}

\section*{GER}

3/B

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required. prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr .

\section*{GEOG 24300 - Urban Geography}

GER
3/B

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, \(\mathrm{Jr} / \mathrm{Sr}\) only
3 hrs
3 cr.

\section*{GEOG 34200 - Geography of International Migration and Ethnicity}

\section*{Pluralism and Diversity}

PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr .

\section*{GEOG 24700 - Cultural Geography}

\section*{GER}

3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr .

\section*{GEOG 35700 - Geography of New York City and Vicinity}

\section*{GER}

3/B

Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only.
prereq: GEOG 10100
3 hrs

3 cr.
Offered fall.

\section*{GEOG 38000 - Seminar in Geographic Concepts and Methodology}

\section*{GER}

3/B

An investigation of the evolution, conceptual framework, and methodological approaches of modern geography. Course goals are: increase student competence and marketability as a teacher; review content of geography with teaching in mind; share strategies, ideas activities (as befits a seminar course); familiarization with national and state standards; develop and acquire appropriate classroom-ready materials; acquire a classroom-ready photo collection; explore links to other subjects; and develop appropriate bibliographies of children's literature and websites. prereq: perm instr.
3 hrs
3 cr .

\section*{Option in Social Studies within the Geography Major for Childhood Education Teachers}

In cooperation with the School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching in grades 1-6. Students may choose to complete the Geography - BA , in addition to successful completion of the QUEST program. Interested students may also choose to complete the course of study outlined below. The option in Social Studies for Childhood Education is available only to students who are accepted into the QUEST program.

Students not accepted to the QUEST program, or students not eligible to apply to the QUEST program, should complete the traditional Geography major outlined above. They must complete a Master of Arts degree in Childhood Education before being certified as a New York State teacher.

\section*{Program Prerequisites (9 credits)}

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

\section*{Hunter Core}

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

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

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

\section*{Hunter Core}

US Experience in its Diversity (USED)
GER

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

\section*{GEOG 15000 - World Regional Geography}

Pluralism and Diversity
PD/A or D
GER
2/B

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr .
Offered fall and spring

\section*{Requirements for the Major (30 credits)}

\section*{Required Courses (18 credits)}

\section*{HIST 11100 - World History to 1500}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/B
}

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

HIST 11200 - World History from 1500 to the Present

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B}

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

\section*{GEOG 24100 - Population Geography}

\author{
Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{B}\) or C \\ GER \\ 3/B
}

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\section*{Hunter Core}

US Experience in its Diversity (USED)
GER
\(1 / \mathrm{C}\) or 2/B

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

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{2. Elective Courses in Geography (6 credits)}

Choose any two of the following:

\section*{GEOG 24300 - Urban Geography}

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, \(\mathrm{Jr} / \mathrm{Sr}\) only
3 hrs
3 cr .

\section*{GEOG 34200 - Geography of International Migration and Ethnicity}

\section*{Pluralism and Diversity \\ PD/B \\ GER \\ 3/B}

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr.

\section*{GEOG 24700 - Cultural Geography}

\section*{GER}

3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr .

\section*{GEOG 35700 - Geography of New York City and Vicinity}

GER
3/B

Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only.
prereq: GEOG 10100
3 hrs
3 cr.
Offered fall.

\section*{GEOG 38000 - Seminar in Geographic Concepts and Methodology}

\section*{GER}

3/B

An investigation of the evolution, conceptual framework, and methodological approaches of modern geography. Course goals are: increase student competence and marketability as a teacher, review content of geography with teaching in mind; share strategies, ideas activities (as befits a seminar course); familiarization with national and state standards; develop and acquire appropriate classroom-ready materials; acquire a classroom-ready photo collection; explore links to other subjects; and develop appropriate bibliographies of children's literature and websites. prereq: perm instr.
3 hrs
3 cr.

\section*{3. Elective Courses in History (6 credits)}

Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

\section*{Philosophy - BA}

Major

The Philosophy Department offers two concentrations: 1) the Standard concentration and 2) the concentration in Philosophy, Politics and Society (PPS).

\section*{Standard Concentration}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

One of the following:

\section*{PHILO 10100 - Introduction to Philosophy}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

\section*{PHILO 10300 - Introduction to Logic and Critical Thinking}

GER
2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr .
offered each semester

\section*{PHILO 10400 - Introduction to Ethics}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

\section*{PHILO 10600 - Philosophy, Politics and Society}
Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

Macaulay Honors students may take the following:

\section*{PHILO 20400 - Great Philosophers}
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

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A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .
Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{The Standard Concentration}
consists of 30 credits distributed as follows:
1. Logic (3 cr.)

\section*{PHILO 17000 - Introduction to Logic and Scientific Method}

\begin{abstract}
Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr .
-or-
\end{abstract}

\section*{PHILO 27500 - Symbolic Logic}

\section*{GER}

3/B
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .
2. History of Philosophy ( 9 cr .)

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)
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Pluralism and Diversity
PD/D
GER
3/A

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Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
\(3 c r\).

\section*{PHILO 21800 - Revolutions in Modern Philosophy (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
\(3 c r\).
3. Ethics, Politics and Aesthetics (3 cr.)
any course from

\section*{PHILO 24400 - Moral Philosophy (W)}

\section*{GER}

3/A
Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
\(3 c r\).
PHILO 24600 - Political Philosophy (W)

\section*{GER}

3/B
Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25800-Aesthetics (W)

GER
3/A

Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
4. Metaphysics and Epistemology (3 cr.)
any course from

\section*{PHILO 36000 - Metaphysics (W)}

GER
3/A

Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

\section*{PHILO 36200 - Theory of Knowledge (W)}

GER
3/A

Study of origin, structure, methods and foundations of human knowledge. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

PHILO 36400 - Philosophy of Language (W)

GER
3/A
Inquiry into the philosophical significance of language, its structure, meaning, reference and use.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 36600 - Philosophy of Mind (W)

\section*{GER}

3/A

Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

\section*{PHILO 37800 - Philosophy of Biology (W)}

Philosophical problems of biology, including evolutionary biology, molecular biology and genetics, and neuroscience. prereq: ENGL 12000 and 2 courses in philosophy, at least one at the 200-level
3 hrs
3 cr .

\section*{PHILO 37900 - Philosophy of Science (W)}

GER
3/B

Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
5. Intensive Study of a Major Philosopher (3 cr.)
any course from those offered under PHILO 38000 Major Figures in Philosophy (W)

\section*{6. Additional Credits (9 cr.)}
- Chosen in consultation with an adviser. Students are required to select at least one course (3 cr.) at the 300level. Also they are encouraged to select courses that acquaint them with philosophic traditions other than the dominant Western ones.

Concentration in Philosophy, Politics and Society

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

One previous course in philosophy. Students are encouraged to take:

\section*{PHILO 10600 - Philosophy, Politics and Society}
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Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.

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> 3 hrs
> 3 cr.
> offered each semester

Macaulay Honors students may take the following:

\section*{PHILO 20400 - Great Philosophers}

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

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Courses foundational to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

The concentration in Philosophy, Politics and Society
consists of 30 credits distributed as follows:

History of Philosophy (9 cr.)

\section*{PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)}

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 21800 - Revolutions in Modern Philosophy (W)}

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
Political Philosophy (3 cr.)

\section*{PHILO 24600 - Political Philosophy (W)}

GER
3/B
Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
Social Philosophy ( 3 cr .)
PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-
PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

Intensive Study of a major philosopher, preferably concerning their political and/or social ideas (3 cr.)
offered under PHILO 38000 Major Figures in Philosophy (W)

\section*{Study of Recent Issues in Political and Social Philosophy ( 3 cr.)}

PHILO 34600 - Contemporary Theories of Justice (W)

\section*{GER}

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

Electives (9 cr.)
chosen from 200- and 300-level PHIL courses (excluding PHILO 20400, but including PHILO 17000 ); 6 credits of this requirement may be taken from the nondepartmental courses listed below. It is also recommended that 3 credits be taken on philosophical approaches to class, race, or gender; the following philosophy courses satisfy this recommendation: PHILO 31900 - Marxist and Critical Theory (W), PHILO 22600 - African-American Philosophy (W) , or PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

Nondepartmental courses to satisfy elective requirement

\section*{AFPRL 40100 - Pan-Africanism}

\section*{GER}

3/B

Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.
prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr .

\section*{AFPRL 40200 - African American Political Thought}

GER
3/B

Comparative theorists; methods and ideological currents.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr .

\section*{HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)}

GER
3/B
The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 33200 - Modern Culture from the 18th to the 20th Centuries}

GER
3/B

From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science.
European political and social thought.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{POLSC 20100 - Ancient to Early Modern Political Thought (W)}

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20200 - Modern Political Thought (1600-1900) (W)}

Pluralism and Diversity
PD/D
GER
3/B
The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20300 - Political Thought Since 1900 (W)}
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Pluralism and Diversity
PD/D
GER
3/B

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Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 20400 - Contemporary Issues in Political Theory}

\section*{GER}

3/B
Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority.
POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20900 - Women and Gender in Western Political Thought (W)}
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Pluralism and Diversity
PD/C or D
GER
3/B

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Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 30100-American Political Thought (W)}

\section*{GER}

3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr .
POLSC 30300 - Democracy and Emergency (W)

GER
3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000
4
4

\section*{POLSC 30400 - Contemporary Issues in Political Theory}

GER
3/B
Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr .

\section*{POLSC 30500 - Democratic Theory (W)}

\section*{GER}

3/B
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{POLSC 30700 - Theory of Revolution}

\section*{GER}

3/B
Traditional and modern revolutions. Conditions and objectives of socialist and communist revolutions.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 30900-Feminist Political Theory (W)}

Pluralism and Diversity
PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{POLSC 31100 - Utopian Theory (W)}

\section*{GER}

3/B
Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.
3 hrs
3 cr .

\section*{POLSC 31600 - Political Theory of Human Rights (W)}

\section*{GER}

3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{PUPOL 40000 - Capstone Seminar}

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.
3 hours
3 credits

\section*{SOC 22100-Classical Sociological Theory}

Pluralism and Diversity
PD/D
GER
3/B
Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 22300 - Current Sociological Theory}

\section*{GER}

3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .
Elective courses recommended for students with particular interests

Elective credits should be carefully chosen to focus students' programs on their present interests and future needs. The following courses are recommended for students with particular interests.

Graduate study in philosophy

\section*{PHILO 27500 - Symbolic Logic}

\section*{GER}

3/B
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

\section*{PHILO 24400 - Moral Philosophy (W)}

GER
3/A
Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
\(3 c r\).

Admission to law school

\section*{PHILO 27500 - Symbolic Logic}

\section*{GER}

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr.

\section*{PHILO 24400 - Moral Philosophy (W)}

\section*{GER}

3/A

Study of selected problems in philosophical ethics and moral psychology. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

Careers in public administration
PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

Careers in foreign service

\section*{PHILO 24800 - International Ethics (W)}

\section*{GER}

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{POLSC 31600 - Political Theory of Human Rights (W)}

\section*{GER}

3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice. prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
An additional course relating philosophy to international relations

Careers in social welfare

PHILO 25000 - Problems of Ethics and Society (W)

\section*{GER}

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{SOC 22100-Classical Sociological Theory}

Pluralism and Diversity
PD/D
GER
3/B

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 22300 - Current Sociological Theory}

GER
3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .

Note:

Certain new, ad hoc, or independent study courses may be taken in partial satisfaction of requirements listed above, if they are approved by the Philosophy, Politics and Society major concentration adviser.

\section*{Major Adviser}

The Philosophy Department offers extensive advising services to majors, including: guidance for course selection and sequencing and devising a course of study; tracking progress and compliance with college, CUNY, and state regulations; career advice; planning for graduate and professional school applications; and information about special opportunities for philosophy students. Minors may also make use of these services.

\section*{Mentoring}

Philosophy majors are encouraged to establish a relationship with a faculty mentor of their choice. This relationship can be distinct from the departmental advising relationship.

\section*{Honors}

To be eligible for graduation with departmental honors in philosophy, a major must have at least a 3.50 GPA in philosophy, at least a 3.0 overall GPA. The student must register for the 3- or 6-credit PHILO 49400, which is taken in addition to and is not part of the 30 credits for the major. The student must write a substantial paper under the direction of a full-time faculty member. To receive departmental honors the completed paper must be submitted to a threemember committee who will judge whether it merits departmental honors. This committee will consist of the director of the student's Honors Tutorial and two other full-time philosophy faculty members appointed by the director.

\section*{PHILO 49400 - Honors Tutorial in Philosophy}

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion is one requirement for departmental honors at graduation. prereq: 3.0 cum GPA and 3.50 major GPA; philosophy majors only, minor with perm instr; two 300-level PHIL courses, one of which may be taken concurrently; perm dept.
3 or 6 cr.

\section*{Independent Study}

Students may engage in independent study under the supervision of a member of the Philosophy department by receiving permission to take the following.

\section*{PHILO 49200 - Independent Study in Philosophy}

Independent study of philosophical works under faculty supervision.
prereq: one PHILO course at 300-level, perm instr. (see Program Prerequisites) 1-6 cr.

\section*{Minors in Philosophy}

\section*{Minors in Philosophy}

\section*{Physics - BA}

Major

One of the following 3 options (concentrations) may be taken.
- Physics Option 1
- Physics Option 2
- Physics Option 3

\section*{Graduate Study}

The Department of Physics and Astronomy offers a number of advanced courses, listed in the graduate catalog, which give credit toward the degree of master of arts. Qualified undergraduate students may be admitted to these courses with the approval of the department chair.

\section*{Minor in Physics}

A minor in Physics consists of a minimum of 12 credits of PHYS courses, including two courses numbered above 200 or one course numbered above 300 .

Students who wish to enroll in the Physics Minor must have completed MATH 15000 (STEM) and MATH 15500 (STEM) . The prerequisites for the 300-level courses include MATH 25000 and/or MATH 25400 .

\section*{Honors Work}

The opportunity for students to do individual research (experimental or theoretical) is offered in courses

\section*{PHYS 45300 - Introduction to Research}

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 33000, 33400, 33500, and 42700 or perm chair
1-3 cr.

\section*{PHYS 45400 - Introduction to Research}

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 45300 or perm chair
1 to 3 cr .

\section*{Articulation Agreement}

\section*{Articulation Agreement with New York City College of Technology}

An agreement is in place for students from New York City College of Technology (CUNY) who successfully complete an associate degree in science in Liberal Arts (LAS) with at least a 2.0 overall grade-point average to be accepted into the Hunter College BA program in Physics. Consult the physics and astronomy department for further information.

\section*{Physics Option 1}

Return to Programs and Courses in Physics \& Astronomy
For students in the BA/MA program, students intending to teach grades 7-12, and students intending to enter the medical profession.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
\(4 c r\).

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

\section*{Option 1}

The requirements consist of 8 credits of introductory physics courses
PHYS 11100 (STEM) and PHYS 12000 (STEM) preferred
and a 22 -credit concentration in physics courses at the 200 level and higher:
PHYS 22100

PHYS 22200

PHYS 33000

PHYS 33400

PHYS 23000

PHYS 23500

PHYS 33500

Additionally, 15-24 credits of allied courses (mathematics and chemistry) are also required. Together, the introductory physics and the Option 1 concentration ( 30 credit total) satisfy the major requirement for initial certification as a teacher of physics in grades 7-12. Option 1, together with the MA (see the Accelerated BA/MA Program in Physics), is recommended for students planning to pursue a PhD in physics.

\section*{Preparation for Teaching}

The Option 1 major in physics satisfies the requirements for NY State initial certification of at least 30 credits for teachers in adolescent education: physics (grades 7-12). Students planning to become physics teachers at the secondary level should take the 23 -credit sequence in secondary education .

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

\section*{MATH 25400 - Ordinary Differential Equations}

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

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

\section*{GER}

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

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

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

\section*{GER}

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ GER 2/E \\ Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. \\ Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors. \\ prereq: CHEM 10200 \\ coreq: CHEM 10400 \\ 6 hrs \\ 3 cr .
}

\section*{ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises}

\section*{GER}

2/E with lab
An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes.
Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
4 cr.
GEOL 10000 - Introductory to Geology

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ 2/E
}

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D

\section*{GER}

2/E

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

\section*{Physics Option 2}

Return to Programs and Courses in Physics \& Astronomy
(Biophysics concentration) is recommended for students planning to pursue graduate studies and industrial R\&D in biological related areas in physics, chemistry, bioengineering, and material sciences. This concentration is designed to allow the students to gain a solid foundation in physics and biology, together with a specially-designed course in biophysics which demonstrates the disciplinary interface between the two. The concentration requirements consist of courses in physics ( 26 cr ), mathematics ( 12 cr ), chemistry ( 15 cr ) and biology ( 18 cr ) and 8 credits of electives (at least 4 must be in physics).

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}
```

Hunter Core
Math/Quantitative Reasoning
GER
1/B

```

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

\section*{Option 2}

\section*{Courses in Physics (26 credits)}

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

\section*{Hunter Core}

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

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

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

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

```

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

\section*{PHYS 33000 - Atomic and Nuclear Physics}

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

\section*{PHYS 33400 - Intermediate Electricity and Magnetism}

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr .

\section*{PHYS 33600 - Thermodynamics and Statistical Mechanics}

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
\(4 c r\).

\section*{PHYS 42000 - Introduction to Biophysics}

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr .
Mathematics (12 cr)

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

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

\section*{MATH 25000 - Calculus with Analytic Geometry III}

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.
Chemistry ( 15 cr )

\section*{CHEM 10200 (STEM) - General Chemistry I}
```

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

```

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

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

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

```

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{CHEM 22400-Organic Chemistry Lecture II}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

\section*{Biology (18 cr)}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

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

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

\section*{BIOL 10200 (STEM) - Principles of Biology II}

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 30000 - Biological Chemistry}

\section*{GER}

3/B

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

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

\section*{and 8 cr of electives}

At least 4 credits must be in physics

\section*{Physics Option 3}

Return to Programs and Courses in Physics \& Astronomy
(Laser and fiber optics concentration) is recommended for those interested in a career in the telecommunications industry, as it includes a foundation in lasers and fiber optics.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

\section*{Option 3}

Eight (8) credits of introductory physics are required

Recommended

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

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

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

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

\section*{Hunter Core}

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

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

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

\section*{Hunter Core}

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

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

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

```

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

No more than 8 credits toward the major can be obtained from these courses. It is recommended that the following be taken, if the PHYS 110-120 sequence is taken instead of the PHYS 111-121 sequence.

\section*{PHYS 19000-Tutorial in Mathematical Physics}

Applications of differential and integral calculus to selected topics chosen from the major subfields of physics.
Completion of this course and its prerequisites is equivalent to completion of the calculus-based general physics sequence, PHYS 11100 and 12100.
prereq: MATH 15500, PHYS 12000
3 hrs (2 lec, 1 rec)
2 cr .
( 15 cr ) are required in addition to one year of high school chemistry or college chemistry

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}
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Hunter Core
Math/Quantitative Reasoning
GER
1/B

```

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus with Analytic Geometry II
```

Hunter Core
Math/Quantitative Reasoning
GER
1/B

```

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

MATH 25000 - Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.

\section*{MATH 25400 - Ordinary Differential Equations}

GER
3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

\section*{All four courses of the sequence are required}

No more than 4 credits of the sequence PHYS 231-234 may be used toward the major.

\section*{PHYS 23100 - Fundamentals of Laser and Fiber Optics}

\section*{GER}

3/B

Topics in optics related to lasers and optical fiber and devices for modulating and directing signals from such devices. Geometrical optics with emphasis on ray tracing. Matrix methods in optics. Lenses thick and thin, mirrors, prisms and other passive optical elements and systems. Propagation of light in materials. Dispersion and its effects. Special topics in geometric and wave optics. Laboratory complements classwork. prereq: PHYS 12000 or 12100 or equiv; MATH 12500
5 hrs
\(4 c r\).

\section*{PHYS 23200 - Laser and Electro-Optics Technology}

\section*{GER}

3/B
Wave optics, interference, coherence, polarization, birefrigence, diffraction, gratings in two and three dimensions, power and energy measurements, basics of laser safety, ultra-fast pulse technology measurements, basics of laser safety, ultra-fast pulse technologies, electro-optics and acoustooptics switches, optical materials, non-linear optics. Laboratory complements classwork.
prereq: PHYS 23100
7 hrs
5 cr .
PHYS 23300 - Laser Electro-Optics Devices, Measurements and Applications

\section*{GER}

3/B

Laser as a device, principle of operation, cavity modes and their control (tuning elements, Q switching, mode-locking) and detection, laser design, types of lasers, includes discussion of laser types for medical, ranging and tracking, material processing, pollution monitoring, and optical memory applications, semiconductor laser. Laboratory complements class work.
prereq: PHYS 23100
6 hrs
4 cr.

\section*{PHYS 23400 - Fiber Optics Devices, Measurements, and Applications}

\section*{GER}

3/B

Propagation of light in optical fiber, including analysis of the behavior of different modes. Dispersion and distortion. Specialized light sources and their characterization. Fiber optic sensors. All optical fiber amplifiers. Optical switches and logic gates. Optical isolators. Techniques for joining fibers. Instruments for characterizing fiber and fiber links. Optical communications systems and protocols. Wavelength division multiplexing. Medical applications including fiber optics-diagnostic and surgical. Optical data processing and optical memories. Laboratory complements classwork. prereq: PHYS 23100
6 hrs
4 cr.

\section*{Political Science - BA}

\section*{Major}

30 cr for students declaring after September 1, 2009
Majors are required to take at least one course in each of the four following subfields of the discipline:
1. American Government
2. Political Theory
3. Comparative Politics
4. International Relations

Students may distribute their remaining courses in the major as they see fit. However, students contemplating graduate work are encouraged to specialize appropriately in consultation with the department's faculty members.

For students declaring after September 1, 2009, no more than two introductory (100-level) courses can be applied toward the major. Majors must complete at least three courses at the 300 -level or above in any subfield.

No more than 6 credits in internship, independent study, and/or experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major. Also, such credits may not be used to satisfy the distribution requirements in the four fields. Courses taken for Credit/No Credit may not be applied toward the major.

\section*{Hunter Core Requirement}

Several courses leading to or in this major fulfill parts of the Hunter Core Requirement (CUNY Common Core, Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path of the major. Details of the Hunter

Core Requirement can be found here: Appendix I: Hunter Core Requirement.
In the case of political science, the courses that meet CCC are:
Course
POLSC 11000
US Experience in its Diversity
POLSC 10000
World Culture/Global Issues
POLSC 25000
World Culture/Global Issues
POLSC 20000
Individual and Society
Please note that no more than two courses from any one department will count for the CUNY Common Core.

\section*{Minor in Political Science}

Students minoring in political science must complete 12 credits in political science. No more than three credits can be at the \(100-l e v e l\). No more than three credits in independent study can be used to satisfy the minor. Internship credits may not be applied toward the minor.

The minor in Political Science is designed to provide students with solid grounding in political science and to encourage them to develop depth in the discipline in an area that will complement their major or develop expertise in an area of particular interest to them. To complete a minor in Political Science, students must complete 12 credits in Political Science with no more than 3 credits at the 100 level. Students may apply up to 3 credits of independent study in Political Science POLSC 29001-29003); however, internship credit may not be applied to the minor.

The minor in Political Science offers students considerable flexibility in designing a minor that will best serve their academic goals. Students may, for instance, wish to focus on courses dealing with European politics and foreign policy to complement a major in a European language and culture. Other students may wish to emphasize courses in international and public law in preparation for law school. Students may concentrate their courses in one field of political science, or spread them across several fields. Students may consult an advisor in the Department of Political Science about their goals as they choose courses to satisfy the minor.

\section*{Interdepartmental Fields}

Political Science department faculty are actively involved in many interdisciplinary programs at Hunter College. Students who want to do work in political science as part of the following interdepartmental programs should refer to the appropriate programs in this catalog.

Minor in Asian American Studies,
Human Rights,
Jewish Studies - BA ,
Latin American and Caribbean Studies - BA ,
Public Policy,
Women and Gender Studies - BA

\section*{Honors}

To complete the requirements for departmental honors in Political Science at graduation, students must have at least 30 credits in Political Science and be eligible for graduation in the semester that they formally complete department honors. At least 21 of these credits (or in exceptional cases, 18) must be taken in the Political Science Department at Hunter College. In the case of transfer students, the student's faculty supervisor must recommend an exception to this policy; however, in no case should a student who has taken fewer than 15 credits in academic coursework (excluding internships or other experiential education courses) in political science at Hunter College be recommended for departmental honors.

In addition, students must 1) have a GPA in the major of not less than \(3.5 ; 2\) ) have completed at least two credits (but not more than 6) in coursework specifically designated for honors (POLSC 492xx); 3) completed POLSC 49300, 4) work on the thesis with one Supervisor who must be a full-time political science faculty member.

The thesis should be a major paper of approximately 25 pages in length that reflects serious scholarship in an honors course. Students should enroll in POLSC 49202-49203 under the supervision of a faculty member with whom the student has done prior coursework and who has agreed to supervise the student's honors project. Students seeking to graduate with departmental honors should begin to plan the sequence of honors work at least two semesters in advance of their expected graduation date.

Approval for Honors will come from the Supervisor. Once students have received the approval of the Sponsor, the thesis can be submitted for departmental honors. Successful completion of departmental honors includes a formal presentation of the thesis to the Honors Committee. Final papers must be deposited in the department office.

\section*{Pi Sigma Alpha}

Students interested in joining this honor society should consult with Professor Leonard Feldman, 1702 Hunter West, (212)396-6246, lfeldman@hunter.cuny.edu.

\section*{Writing Corequisite and Prerequisites}

Introductory, intermediate and advanced political science courses require significant expository writing and ENGL 12000 as a co- or prerequisite. To assure that students are ready for these courses, they should be enrolled in ENGL 12000 (or its equivalent) or have successfully completed the course. For all 100-level courses, ENGL 12000 (or its equivalent) is a prerequisite or co-requisite; for all 200-level, 300-level and 400-level courses, ENGL 12000 (or its equivalent) is a prerequisite.

\section*{Seminar/Internship Program in New York Government}

This university-wide program is designed to bridge the gap between academic study and the practical world of government. Each year approximately 300 students are selected as CUNY interns. Hunter College students participate by enrolling in POLSC 22200/22300. Interns spend eight to ten hours a week in agencies, political offices or community groups working on administrative or research assignments related to urban affairs and services.

They attend a weekly classroom seminar at Hunter and monthly meetings of the entire program at the CUNY Graduate School. Prominent government officials, political leaders, community representatives and academic experts participate in both the weekly and monthly meetings. Students are advised to have taken prior coursework in American politics and to have at least a 3.0 GPA prior to being admitted to this program. For further information, consult the Department of Political Science.

\section*{Other Internships}

Students may wish to consider internships in any field of political science, and receive credit through POLSC 2980129806. The department does not offer internship credits to students in their first semester at Hunter College or to students who have never taken a political science course at Hunter. Up to 6 credits in internship work (POLSC 2980129806) may be used to satisfy requirements for the major. As a general rule, a student who takes POLSC 29801-29806 must be supervised by a full-time faculty member with whom the student has done prior coursework and who has agreed to supervise the student's internship. Additional internship credits may be used as electives toward graduation.

\section*{Preparation for Graduate Study}

Many political science majors go on to graduate study. Students considering graduate work should consult members of the political science faculty.

\section*{Awards and Prizes}

The Political Science Department confers recognition on its outstanding graduates through prizes and awards. The Katherine Duffy Prize and the David Haight Memorial Prize are presented annually to graduating political science majors.

\section*{Scholarships}

The Political Science Department may award the Joan Pincus Scholarship to students majoring in political science who have achieved at least sophomore status, have an excellent academic record and have demonstrated financial need. For additional information, see the department chair or a departmental adviser.

\section*{Psychology - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core \\ English Comp (EC) \\ GER \\ 1/A}

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

PSYCH 10000 - Introduction to Psychology

\section*{GER}

2/B

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

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.
-or-

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Exemptions}

A student may be exempt from PSYCH 10000 by earning a score of 4 or 5 on the Advanced Placement Test taken in conjunction with a high school course in psychology or by passing the CLEP examination (College Level Education

Program). Exemption from Child Psychology (PSYCH 21000) may be earned by a passing grade on the CLEP examination in Developmental Psychology. CLEP examinations are given at various testing centers. Interested students can obtain information and application forms at http://www.collegeboard.com or by contacting the Office of Student Services. A passing grade on either CLEP examination provides 3 credits. Information on exemption from the mathematics course requirement and on test administration is available from the Testing Center, North 150 (http://admissions.hunter.cuny.edu/Testing.htm).

\section*{The Psychology Major}

\section*{Preparation}

The psychology major is designed to provide students with training in both the evaluation and the generation of research data. For this reason, the core sequence of Psychological Statistics and Experimental Psychology is central to the program and is a prerequisite for all upper-level psychology courses. Performance in the Psychological Statistics/Experimental Psychology sequence will be greatly facilitated by proper preparation in mathematics and laboratory science and the development of excellent writing skills.

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

\section*{GER}

3/B

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

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

\section*{PSYCH 24900 - Experimental Psychology: Social}

\section*{GER}

3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250 , but not both.)

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYC 24800 with a minimum grade of C
prereq or coreq: Writing Intensive

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B

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

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

\section*{Course of Study}

Completion of ENGL 12000 prior to declaration of the major in psychology is strongly recommended. ENGL 12000 is a pre or co-requisite for all 200 -level classes below 24900 . For any classes numbered 24900 and above, ENGL 12000 is a prerequisite. Students whose career goals include professional work in psychology, social work, or counseling should take the following courses, as appropriate. Note that each may be used only once to satisfy major requirements.

\section*{PSYCH 20100 - Independent Study in Psychology}

May be taken two times but will be applied to major only once. Designed to meet the needs of individual students under the direction of a particular faculty sponsor. The course may involve independent readings, tutorials, work as an advising assistant or peer counselor, field placement, an individual research project, or participation in ongoing faculty research, any of these culminating in a written report.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

\section*{PSYCH 30600 - Seminar in Psychological Services I (A)}

Open to declared majors only. An integration of personality and abnormal psychology, the helping process and the role of the helper. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 2200 or 32300, PSYCH 24900 or 25000 , perm instr.

8 hrs
\(4 c r\).

\section*{PSYCH 30700 - Seminar in Psychological Services II (A)}

Integration of personality and abnormal psychology. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000, PSYCH 30600, perm instr.
3 hrs
3 cr .

\section*{PSYCH 39500 - Independent Research in Psychology}

May be taken two times, but will apply to the major only once. Designed to meet the needs of individual students under the direction of a particular instructor at a more advanced level than PSYCH 20100. Such study may involve independent reading, tutorials, independent research projects, or participation in ongoing faculty research, any of these culminating in an APA-style research report or literature review. Field Placements (internships) cannot be granted credit as PSYCH 39500; however, supervised field Placement taken in conjunction with PSYCH 36100 - Psychological Tests (A) will be granted credit as PSYCH 39500.
prereq: ENGL 12000, PSYCH 24900 -or- 25000, perm instructor and department
3 hrs
3 cr.
-or-

\section*{PSYCH 39600 - Honors in Psychology}

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
3 cr .

\section*{Declaration of Major}

To declare a psychology major, the student must have completed Introduction to Psychology (PSYCH 10000) and any other 100-level psychology course with a minimum grade of B , a required mathematics course with a minimum grade of C or CR and have a minimum GPA of 2.00 . The mathematics requirement may be satisfied by the following, or by earning exemption from the mathematics requirement. The major must be declared in person with an undergraduate psychology adviser. (Refer to website http://hunter.cuny.edu/psychology for schedule.) The student must bring his/her Hunter transcript (and where relevant, transcripts from all other colleges attended) when meeting with the adviser to declare a psychology major.

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{Psychology Major}
- The major consists of 26 credits in psychology above the 100 level, including PSYCH 24800 - Statistical Methods in Psychological Research and PSYCH 24900 - Experimental Psychology: Social or PSYCH 25000 - Experimental Psychology: General. The major also requires at least one course in each of the following content areas:

\section*{Applications of Psychology (A):}
- PSYCH 22100 - Psychoanalytic Theories (A; D/S)
- PSYCH 22300 - Abnormal Psychology (A; D/S)
- PSYCH 24000 - Applications of Psychology (A)
- PSYCH 24200 - Health Psychology (A)
- PSYCH 30600 - Seminar in Psychological Services I (A)
- PSYCH 30700 - Seminar in Psychological Services II (A)
- PSYCH 32300 - Developmental Psychopathology (A; D/S)
- PSYCH 32800 - States of Consciousness (A/C)
- PSYCH 34000 - Industrial and Organizational Psychology (A)
- PSYCH 34100 - Stress, Trauma, and Resilience (A)
- PSYCH 34200 - Emotion: Function and Dysfunction (A)
- PSYCH 34400 - Clinical Psychology (A)
- PSYCH 36100 - Psychological Tests (A)
- PSYCH 36200 Psychological Determinants of Health Disparities (A; D/S)
- PSYCH 36300 Health Behavior Change (A; D/S)
- PSYCH 36400 Sexuality and Health (A)
- PSYCH 36500 Coping with Chronic Disease (A; D/S)
- PSYCH 36600 Interpersonal Relationships and Health (A; D/S)
- PSYCH 38400 Current Topics in Developmental Psychology (A; D/S)
- PSYCH 38600 Current Topics in Clinical Psychology (A)
- PSYCH 38700 Current Topics in Health Psychology (A; DS)

\section*{Biopsychology (B):}
- PSYCH 22400 - Neuroscience (B)
- PSYCH 22500 - Ethology: Animal Behavior (B)
- PSYCH 30000 - Physiological Psychology (B)
- PSYCH 30100 - Sensation and Perception (B; C)
- PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)
- PSYCH 31600 - Cognitive Neuroscience (B/C)
- PSYCH 32000 Neuronal Basis of Behavior (Neuroethology) (B)
- PSYCH 32100 - Animal Orientation: Function and Mechanisms (B)
- PSYCH 32400 - Communication Behavior (B/C)
- PSYCH 32500 - Animal Cognition (B/C)
- PSYCH 32700 - Motivation and Emotion (B; C)
- PSYCH 36700 Biological and Social Bases of Addictive Behavior (B)
- PSYCH 36900 - Behavioral Pharmacology (B)
- PSYCH 38100 Current Topics in Animal Behavior (B)
- PSYCH 38200 Current Topics in Biopsychology (B)

\section*{Cognitive Processes (C):}
- PSYCH 24300 - Cognitive Processes (C)
- PSYCH 30100 - Sensation and Perception (B; C)
- PSYCH 31000 - Research Methods in Developmental Psychology (C; D/S)
- PSYCH 31600 - Cognitive Neuroscience (B/C)
- PSYCH 32200 - Psychology of Language (C)
- PSYCH 32400 - Communication Behavior (B/C)
- PSYCH 32500 - Animal Cognition (B/C)
- PSYCH 32700 - Motivation and Emotion (B; C)
- PSYCH 32800 - States of Consciousness (A/C)
- PSYCH 32900 - Cognitive Science (C)
- PSYCH 33000 - Memory and Attention (C)
- PSYCH 33100 - Social Cognition of Gender (C)
- PSYCH 35000 - Learning (C)
- PSYCH 37000 - Cognitive Development (C; D/S)

\section*{Developmental/social psychology (D/S) :}
- PSYCH 21000 - Child Development (D/S)
- PSYCH 21200 - Exceptional Childhoods (D/S)
- PSYCH 22000 - Personality (D/S)
- PSYCH 22100 - Psychoanalytic Theories (A; D/S)
- PSYCH 22300 - Abnormal Psychology (A; D/S)
- PSYCH 23000 - Social Psychology (D/S)
- PSYCH 23500 - The Psychology of Women (D/S)
- PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)
- PSYCH 31000 - Research Methods in Developmental Psychology (C; D/S)
- PSYCH 31300 - Adolescence (D/S)
- PSYCH 31500 - Adult Development (D/S)
- PSYCH 32300 - Developmental Psychopathology (A; D/S)
- PSYCH 33100 - Social Cognition of Gender (D/S)
- PSYCH 33200 - Attitudes and Persuasion (D/S)
- PSYCH 33300 - Advanced Social Psychology Theory and Methods (D/S)
- PSYCH 33400 - Cultural Psychology (D/S)
- PSYCH 35500 - Ethnic and Cultural Identity Theories (D/S)
- PSYCH 36200 Psychological Determinants of Health Disparities (A; D/S)
- PSYCH 36300 Health Behavior Change (A; D/S)
- PSYCH 36500 Coping with Chronic Disease (A; D/S)
- PSYCH 36600 Interpersonal Relationships and Health (A; D/S)
- PSYCH 37000 - Cognitive Development (C; D/S)
- PSYCH 38400 Current Topics in Developmental Psychology (A; D/S)
- PSYCH 38500 Current Topics in Social Psychology D/S
- PSYCH 38700 Current Topics in Health Psychology (A; DS)
(If a course meets requirements for more than one content area, the student may apply the course to only one of them.) All of the content-area courses must be at or above the 200 level and at least 2 of the content-area courses must be at or above the 300 level. Two additional (elective) courses in psychology, at the 200 level or higher, must be completed. Two semesters of laboratory science must also be completed. (See the Science Requirement for Graduation below.)

Qualified undergraduates in their last semester may register for graduate-level psychology courses with the permission of the instructor and the graduate adviser. Most psychology majors intending to attend graduate school take more than the minimum 26 credits in psychology and design their course of study in close consultation with a faculty mentor. Students should obtain a copy of "Psychology Major Requirements and Policies" from the undergraduate advising office as soon as they declare the major for up-to-date information on department resources, activities and faculty research interests.

Beginning in the spring 1998 semester, psychology courses taken on a Credit/No Credit basis may not be applied toward the major; PSYCH 24800, PSYCH 24900, PSYCH 25000 may not be taken on a Credit/No Credit basis.

\section*{Courses Taken on Permit and Courses Transferred into Hunter}

Once the psychology major is declared, students may not take any psychology course that they wish to count toward the major on permit at another college. In contrast, psychology courses that were taken before the student enrolled at Hunter and that are deemed equivalent to a Hunter College course may count toward the major. The assessment of course equivalency is made by the Office of Admissions and by the undergraduate psychology advising office.

\section*{Prerequisites}

Course prerequisites are strictly enforced. Students are responsible for meeting all course prerequisites, including satisfactory completion of courses in progress at the time of enrollment. Students enrolling in courses without necessary prerequisites will be dropped from the class by the registrar. The department screens for prerequisites and students may be dropped after the course begins. (See specific prerequisites for each course in Course Listings section.)

Prerequisites for PSYCH 24800 - Statistical Methods in Psychological Research. All students must have received at least a C or CR in STAT 11300 or MATH 12500 (STEM) or earned mathematics exemption and must have declared psychology as their major in the Psychology Department Advising Office at Hunter.

Prerequisites for PSYCH 24900 - Experimental Psychology: Social and PSYCH 25000 - Experimental Psychology: General. All students must be declared Psychology majors and have passed ENGL 12000 with C or higher, STAT 11300 or MATH 12500 with C or higher (or earned mathematics exemption), PSYC 24800 with C or higher, and 1 semester of laboratory science (see Science Requirement for Graduation, below).

As of fall 2011, only PSYCH 25000 will be offered

\section*{Science Requirement for Graduation}

In order to graduate, psychology majors must have completed two semesters in laboratory science that were approved by the department. Students must take at least one semester of laboratory science before taking PSYCH 24900 or PSYCH 25000 . Students may complete the laboratory science courses at any point in their studies, and the courses need not be taken in sequence. The science requirement may be met by any of the following courses, all of which meet the General Education Requirement Stage 2/E, Laboratory Science, requirement:

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core}

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

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

\section*{ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises}

\section*{GER}

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.

5 hrs
\(4 c r\).

\section*{BIOL 10000 (STEM) - Principles of Biology I}

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

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

\section*{BIOL 10200 (STEM) - Principles of Biology II}
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Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

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Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only

\section*{BIOL 12500 (STEM) - Human Biology}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E w/ lab
}

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

\section*{CHEM 10000 (STEM) - Essentials of General Chemistry Lecture}

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

Essential facts, laws, and theories of general chemistry.

Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec)
3 cr.

\section*{CHEM 10100 - Inquiries into the Nature of Matter}

Hunter Core
Life and Physical Sciences (LPS)

\section*{GER}

GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}
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Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr .

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

\section*{CHEM 11100 (STEM) - Chemical Principles}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

\section*{CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry}

\section*{Hunter Core}

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

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

\title{
CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture
}

\author{
Hunter Core \\ Life and Physical Sciences (LPS): Scientific World (SW) \\ Pluralism and Diversity \\ GER 2/E \\ Course presents essential facts, laws and theories of organic chemistry.
}

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10000

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4 hrs (3 lec, 1 rec)
3 cr .

\title{
CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory
}

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

Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

\section*{GEOL 10000 - Introductory to Geology}

\section*{Hunter Core}

Scientific World (SW)

\section*{GER}

2/E
Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr .
Offered fall and spring.

\section*{GEOL 10200 - Plate Tectonics and the Earth's Evolution}

\section*{GER}

2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr .
Offered fall.

\section*{PGEOG 13000 (STEM) - Weather and Climate}

\section*{Hunter Core}

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

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$5
5 hrs (3 lec, 2 lab)
4 cr .
Offered in the Fall and Spring

\section*{PGEOG 23100 - Physical Geography II: Principles of Geomorphology}

See GEOL 23100

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\section*{Hunter Core}

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

\section*{GER}

2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

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

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

\section*{Additional Information}

For transfer students, the laboratory science requirement may be met by courses taken at previous institutions only if they have been assigned the Hunter College course numbers in the above list. Transfer students should check with the psychology adviser after their courses have been formally evaluated by Hunter College to determine whether the science requirement has been met.

Note: Students who declared a psychology major before January 1, 1998 are exempt from the science requirement within the Department of Psychology.

\section*{Special Programs}

\section*{Field Placement Program}

Offered for one semester (PSYCH 30600) or as a 2-semester sequence, Psychological Services I and II (PSYCH 30600 and PSYCH 30700) give enrolled students practical supervised career experience one day per week in an approved mental health or community service setting in conjunction with a class that meets once each week. Students may also gain field experience in conjunction with academic work through Independent Study (PSYCH 20100) with a faculty sponsor. Permission of the instructor is required for these courses and students should start making arrangements by the preceding term before they plan to take the course (e.g., midspring for the fall term). The undergraduate adviser can inform students of the instructor who will be teaching PSYCH 30600 and PSYCH 30700, for which field placement referrals are made by the instructor. Students wishing to take PSYCH 20100 in conjunction with a field experience should meet with the college internship coordinator (by appointment in Career Development, Room 805 Hunter East) and with prospective faculty sponsors.

\section*{The DIDARP Program (Diversity Institutional Drug Abuse Research Development Program)}

The overall goal of DIDARP is to develop the capacity of Hunter College to support drug abuse research through the following objectives: (1) provide faculty from diverse populations with drug abuse research knowledge and skill development through the conduct of research projects and other professional development activities, (2) encourage students from diverse populations to pursue drug abuse research careers by providing them with educational enrichment and research experiences; and (3) strengthen the underlying institutional infrastructure needed to support drug abuse research. Undergraduate students supported by DIDARP are highly qualified students from underrepresented populations. They must be interested in pursuing careers in drug abuse research and in working in the laboratory of a DIDARP investigator.

\section*{BP-ENDURE}

The Blueprint Program for Enhancing Neuroscience Diversity through Undergraduate Education is designed to identify exceptionally talented undergraduates and prepare them to obtain doctoral degrees in neuroscience-related fields of study. The program offers specialized neuroscience courses, summer research experiences, and mentoring from senior faculty. For additional information, please visit http://www.bpendure.org

\section*{Minor}

As of the spring of 2009, Hunter no longer requires that students have a minor. Those students wishing to do a minor should go directly to the department in which they are interested in doing a minor and declare it with that department.

\section*{Minor in Psychology}

\section*{Declaring a Minor in Psychology}

The minor in psychology is designed to expose students to a variety of content areas in the field of psychology and to provide the student with the ability to evaluate psychological research as a consumer.

To declare a psychology minor, the student must have completed PSYCH 10000 and any other 100-level psychology course with a minimum grade of C and a required mathematics course with a minimum grade of C or CR . The mathematics requirement may be satisfied by STAT 11300 or MATH 12500 (STEM), or by an appropriate score on the mathematics placement test.

The minor in Psychology consists of 15 credits in Psychology as follows:

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .
- Another 3-credit 100-level PSYCH course

\section*{PSYCH 21500 - Introduction to Research Methods in Psychology (W)}

\section*{GER}

3/B

Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
- Two 200-level PSYCH courses below PSYCH 24800
- NOTE: The total number of credits to fulfill all minor requirements, including credits for all prerequisites is 18. Fifteen credits in PSYCH courses and 3 credits in STAT 11300 or MATH 12500.

\section*{Concentration}
- Psychology: Concentration in Behavioral Neuroscience

\section*{Psychology: Concentration in Behavioral Neuroscience}

\section*{Purpose}

The Behavioral Neuroscience Concentration within Psychology provides interdisciplinary training for students preparing for academic or professional careers in neuroscience-related areas. The concentration brings together students from Psychology and Biology in a set of core courses and offers mentored research experience in faculty laboratories, opportunities for student research presentations and talks by distinguished visiting neuroscientists. The neuroscience concentration is a particularly good option for students who plan to do graduate study in neuroscience or neurosciencerelated fields or attend medical school for neurology, neurosurgery, or psychiatry specialties. Because of the large number of required courses in the concentration, it is very important that interested students meet with the concentration adviser as early in their college career as possible-no later than the start of their Sophomore year. The concentration adviser is Prof. Philip Zeigler, ((212) 772-5363; Room 626 Hunter North).

\section*{Admission Requirements}

Admission is by application at the end of the sophomore year. Applicants will need to have completed or be currently taking the following courses with a minimum GPA overall of 3.0 and of 3.5 in the major. Selection will be based upon a combination of grades and an interview, and the identification of a faculty sponsor in whose laboratory the student's research will be carried out. Application forms and names of faculty contacts may be obtained from the Psychology adviser's office.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

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

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

\section*{BIOL 10200 (STEM) - Principles of Biology II}

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

\section*{GER}

2/E

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec\()\)
4 cr.
PSYCH 10000 - Introduction to Psychology

\section*{GER}

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

\section*{PSYCH 18000 - Brain and Behavior}

GER
2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

GER
3/B

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

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr .

\section*{Course Requirements for the Undergraduate Concentration in Behavioral Neuroscience}

In addition to completion of the psychology major and the introductory sequences in chemistry and biology, students in the concentration will take the introductory course in calculus, additional courses in biology and chemistry and an interdisciplinary Behavioral Neuroscience Seminar. A year of laboratory research is required and an undergraduate thesis based on this research will be eligible for consideration for Departmental Honors. Completion of the concentration meets the requirements for the minor in Biology. For continuation in the concentration, students must maintain the GPA required for entry.

\section*{Required Courses/Credits}

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

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

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

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

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}
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Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

```
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr .

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.

Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

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

Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{PSYCH 18000-Brain and Behavior}

\section*{GER}

2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr.

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4cr.

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\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

\section*{GER}

3/B

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

Writing Intensive

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
\(4 c r\).

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B

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

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

\section*{PSYCH 39600 - Honors in Psychology}

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors. prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
3 cr.

\section*{PSYCH 39800 - Honors in Psychology}

Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: PSYCH 39600, perm instr.
3 hrs
3 cr .

\section*{BIOL 47100 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr . per sem.

\section*{Electives}
( 9 credits, at least 3 of which must be Biology)

\section*{PSYCH 30000 - Physiological Psychology (B)}

GER
3/B

Neural and endocrine mechanisms involved in learning, emotion, perception and other psychological processes. PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 30100 - Sensation and Perception (B; C)}

\section*{GER}

3/B

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

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

\section*{PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)}

Pluralism and Diversity
PD/C
GER
3/B

Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and
neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

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

\section*{PSYCH 32700 - Motivation and Emotion (B; C)}

\section*{GER}

3/B
The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

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

\section*{PSYCH 36900 - Behavioral Pharmacology (B)}

\section*{GER}

3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.
prereq: ENGL 12000,. PSYCH 24900 or 25000, PSYCH 30000 or perm instr.
3 hrs
3 cr .

\section*{BIOL 37000 - Physiology of the Nervous System}

\section*{GER}

3/B

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only

\section*{BIOL 37600 - Endocrinology}

\section*{GER}

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr .
spring only

\section*{BIOL 38000 - Molecular Neurobiology}

\section*{GER}

3/B

Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr .
fall only

\section*{Additional Information}

For questions or further information see the concentration adviser: Prof. P. Zeigler, tel: (212) 772-5363, hzeigler@hunter.cuny.edu

\section*{QUEST Four-Semester Sequence for Students Entering the Program with More than 40 credits}

\section*{Semester I}

\section*{QSTA 40080 - The Art of Effective Teaching}

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr .

\section*{QSTB 20280 - Child Growth and Development}

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

\section*{QSTA 40180 - Developmental Reading}

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

\section*{QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading}

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

\section*{HED 31400 - Health Education for the Classroom Teacher}

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .
Total ED Credits 11
Fieldwork 75 hours

\section*{Semester II}

\section*{QSTA 41080 - Literacy Across the Content Areas}

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
2 cr .

\section*{QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools}

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, QSTAB 30100
2 hrs
\(2 c r\).

\section*{QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools}

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200
75 hrs
1 cr .

QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process. prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .
Total ED Credits 8
Fieldwork 75 hours

\section*{Semester III}

\section*{QSTB 41380 - Psychology of Teaching and Learning}

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
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prereq: QSTA 41000, 41200, QSTAB 30100

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coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr .

\section*{QSTA 40680 - Mathematics Teaching and Learning in Elementary School}

Modern methods for teaching mathematics through understanding in the elementary grades.
Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
\(2 c r\).

\section*{QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning}

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr .

\section*{QSTA 40780 - The Arts: An Interdisciplinary Learning Experience}

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .
SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr.

\section*{Total ED Credits 11}

\section*{Fieldwork 75 hours}

\section*{Semester IV}

\section*{QSTA 41480 - Teaching Science in Elementary Schools}

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
coreq: QSTA 41500
2 hrs
2 cr .

\section*{QSTA 41580 - Student Teaching}

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6.
Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400
coreq: QSTA 41400
2 per week of seminar plus student teaching
4 cr .

\section*{Total ED Credits 6}

Fieldwork 60 days
Total Credits 36
Note(s)

\title{
QUEST Six-Semester Sequence for Students Who Enter the Program with 30-40 credits
}

\section*{Semester I}

\section*{QSTA 40080 - The Art of Effective Teaching}

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr .

\section*{HED 31400 - Health Education for the Classroom Teacher}

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .

\section*{Total ED Credits 6}

\section*{Semester II}

\section*{QSTB 20280 - Child Growth and Development}

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

\section*{QSTA 40180 - Developmental Reading}

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

\section*{QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading}

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

\section*{Total ED Credits 5}

Fieldwork 75 hours

\section*{Semester III}

\section*{QSTA 41080 - Literacy Across the Content Areas}

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
2 cr .

\section*{QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools}

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

2 hrs
2 cr .

\section*{QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools}

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200
75 hrs
1 cr .

\section*{Total ED Credits 5}

\section*{Fieldwork 75 hours}

\section*{Semester IV}

\section*{QSTB 41380 - Psychology of Teaching and Learning}

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr .

\section*{QSTA 40680 - Mathematics Teaching and Learning in Elementary School}

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
2 cr.

\section*{QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning}

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr .

Total ED Credits 5
Fieldwork 75 hours

\section*{Semester V}

\section*{QSTB 40380 - Social Foundations of Urban Education}

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr

\section*{QSTA 40780 - The Arts: An Interdisciplinary Learning Experience}

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

\section*{SPED 30800 - Teaching Students with Special Needs in Inclusive Settings}

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework

45 hrs
3 cr.

\section*{Total ED Credits 9}

\section*{Semester VI}

\section*{QSTA 41480 - Teaching Science in Elementary Schools}

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
coreq: QSTA 41500
2 hrs
2 cr .

\section*{QSTA 41580 - Student Teaching}

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400
coreq: QSTA 41400
2 per week of seminar plus student teaching
4 cr.

\section*{Total ED Credits 6}

\section*{Fieldwork minimum of 60 days}

\section*{Total Credits 36}

\section*{Note(s)}

QSTA is a designation for courses offered by the Department of Curriculum and Teaching; QSTB is a designation for courses offered by the Department of Educational Foundations; QSTAB is a designation for fieldwork attached to two courses.

\section*{Religion - BA}

Return to: Religion Program Information

\section*{Foundational Course}

A Foundational Course, ENGL 12000, must be completed before embarking upon the major.

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY
Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major (30 cr)}

A major in religion consists of 30 credits. A sequence of courses for the major normally includes REL 11000-Nature of Religion, REL 11100-Approaches to Religion, REL 25100-Asian Religions, and REL 25300-Abrahamic
Religions followed by at least one course in theoretical studies and at least one course in religious issues.
1. Introduction to the Field of Religion
2. Theoretical studies in Religion
3. Issues in Religion
4. Religious Traditions

On becoming a major the student, in consultation with the director, will select one member of the program in Religion staff as his or her major adviser. Each religion major is required to consult with this adviser at least twice a year.

\section*{Religion Program Courses}

\section*{I. Introduction to the Field of Religion}

\section*{REL 11000 - Nature of Religion (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr .

\section*{REL 11100 - Approaches to Religion (W)}

\section*{Hunter Core}

Individual and Society (I\&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000

3 hrs
3 cr .

\section*{II. Theoretical Studies in Religion}

\section*{REL 27000 - Religion and Psychology (W)}
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Pluralism and Diversity
PD/D
GER
2/C

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An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{SOC 20500 - Sociology of Religion}

GER
3/B
Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes. prereq: SOC 10100
3 hrs
3 cr.
PHILO 26200 - Philosophy of Religion (W)

\section*{GER}

3/A
Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr .

\section*{ANTHC 30700-Anthropology of Religion}
```

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning. 3 hrs
3 cr .

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REL 39000 - Modern Theories of Religion (W)

Pluralism and Diversity
PD/D
GER
3/A

An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
prereq: ENGL 12000, REL 11100
3 hrs
3 cr .

\section*{REL 26000 - Special Topics: Theoretical Studies in Religion}

Specialized study of a methodological approach to the study of religion. Different topic each time offered. 3 hrs
3 cr .

\section*{REL 36000 - Special Topics: Theoretical Studies in Religion}

GER
3/A

Specialized study of a methodological approach to study of religion. Different topic each time offered.
3 hrs
3 cr .
III. Issues in Religion

\section*{REL 20400-Religious Experience (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C
Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20500 - Faith and Disbelief (W)}

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

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20600 - Ideas of God in Contemporary Western Thought (W)}

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

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20700 - Religious Sources for Morality (W)}
```

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

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Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
\(3 c r\).

REL 20800 - Religion and Social Justice (W)

\section*{Hunter Core}

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

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr .

REL 20900 - Religion and Human Rights (W)

\section*{Hunter Core}

Individual and Society - Humanities
GER
2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the \(20^{\text {th }}\) century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment-seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 21000 - Atheism (W)}

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 21100 - The Sacred Sky: Astrology in World Religions (W)}

\section*{GER}

2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 30700-Religious Ideas in Modern Literature (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Exploration of religious themes in modern literature.
prereq: ENGL 12000
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3 hrs
3 cr .

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REL 30800-Religion and the Arts (W)

Pluralism and Diversity
PD/D
GER
3/A

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.
prereq: ENGL 12000
3 hrs
3 cr .

REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
3 cr .
REL 31000 - The Religious Meanings of Death (W)
Pluralism and Diversity
PD/D
GER
3/A

Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3 cr .

REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
3/A

An examination of the role of women and the concept of the feminine in world religions. prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31200 - Religion and Politics (W)}
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Pluralism and Diversity
PD/D
GER
3/A

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The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and nonWestern traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31300 - Spirit and Nature (W)}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 31400 - Religion and Sports (W)}

\section*{GER}

3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in \(19^{\text {th }}\) century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31500 - The Problem of Evil (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 31600 - Men and Religion (W)}

\section*{Pluralism and Diversity \\ PD/C -or- PD/D}

Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars-both male and female--have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 31700-Religion and Film (W)}

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative - topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion.
prereq: ENGL 12000
\(3 \mathrm{hr} . \mathrm{s}\)
3 cr.

\section*{REL 31800 - Religion and Science (W)}

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31900 - Religion and the Body (W)}

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 33400-Mysticism (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
3 cr .

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\section*{REL 33500 - Myth and Ritual (W)}

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis. prereq: ENGL 12000
3 hrs
3 cr .
REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity
PD/C
GER
3/A

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 26100 - Special Topics: Issues in Religion}

Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr .

REL 36100 - Special Topics: Issues in Religion

GER
3/A

Study of particular religious topics or thinkers. Different subject each time offered.

3 hrs
3 cr .

\section*{IV. Religious Traditions}

\section*{Ancient Religions}

\section*{REL 25200 - Ancient Near Eastern Religions (W)}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/C
}

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25700 - Religions of Ancient Central and South America (W)}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ Pluralism and Diversity \\ P/D B \\ GER \\ 2/C}

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25800 - Religions of Ancient Europe (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C
Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and
farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{CLA 30300 - Religion of Ancient Greece (W)}

\section*{Pluralism and Diversity}

GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice. prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr .

\section*{CLA 30400 - Pagans and Christians (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology. prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

```

HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

Asian Religions
REL 25100 - Asian Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 32000 - Hinduism (W)}
```

Pluralism and Diversity
PD/A
GER
3/A

```

Study of Hinduism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 32100 - Buddhism (W)}
```

Pluralism and Diversity
PD/A
GER
3/A

```

Study of Buddhism, its development, history, literature, philosophy and religious practices. prereq: ENGL 12000
3 hrs
3 cr .
REL 33600 - Zen (W)

Pluralism and Diversity
PD/A
GER
3/A

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds. prereq: ENGL 12000
3 hrs
3 cr .
PHILO 21900 - Chinese Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 22100 - Indian Philosophy (W)}
```

Pluralism and Diversity
PD/A
GER
3/A
Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.
prereq: ENGL 10000 and one course in Philosophy
3 hrs
3cr.
African, Afro-Caribbean and Afro-American Religions
REL 25600 - Afro-Caribbean Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C
An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
cr.

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\section*{AFPRL 22000 - African Spirituality in the Diaspora}

Pluralism and Diversity
PD/A or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean. 3 hrs
3 cr .

\section*{AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)}

Pluralism and Diversity
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
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3 cr.
offered every other sem.

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\section*{AFPRL 32300 - Islam and Christianity in Africa (W)}

\section*{GER}

3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)}
```

Pluralism and Diversity
PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3 cr .

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\section*{AFPRL 42000 - The Black Church and Social Change}

\section*{GER}

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .

\section*{Abrahamic Religions}

REL 25300 - Abrahamic Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 25500 - Religions of Two Gods (W)}

Pluralism and Diversity
PD/A
GER
2/C
A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{HEBR 24000 - Introduction to the Old Testament}
```

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

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Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

\section*{HEBR 25900 - Old Testament Religion}

\section*{Hunter Core}

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

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

\section*{HEBR 29200 - The Hebrew Prophets}
```

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

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Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr
HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr

\section*{HIST 21000 - History of Judaism}

\section*{GER}

2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 30900 - Jewish History in the Ancient World}

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 31000 - Jewish History in the Medieval and Early Modern Periods}

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
\(3 c r\).

\section*{HIST 32000 - Jewish History in the Modern World (W)}
```

Pluralism and Diversity
PD/D
GER
3/B

```

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{REL 33000-New Testament Religion (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Scholarly consideration of religion of New Testament: the mystery of Jesus Christ, Paul's message, ethics, relation to the Law of Judaism, salvation theology, apocalyptic thinking.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 32300 - Christianity (W)}

Pluralism and Diversity
PD/D
GER
3/A
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 33300 - Christian Theology (W)}

Pluralism and Diversity
PD/D
GER
3/A
An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 31400 - Ancient and Medieval Christianity (W)}
```

Pluralism and Diversity
PD/D
GER
3/B

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The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 31500-Christianity in Modern Times}

\section*{GER}

3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.
3 hrs
3 cr .

\section*{HIST 31600 - History of Religion in the United States}

\section*{GER}

3/B
Changing European churches and indigenous American sects; their architecture, leaders and ideas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .
REL 32400 - Islam and Buddhism (W)

Pluralism and Diversity
PD/A
GER

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 32600 - Religious Meanings of the Qur'ān (W)}

\section*{GER}

3/A

This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" ('Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
\(3 c r\).

\section*{REL 33700 - Sufism (W)}

\section*{Pluralism and Diversity}

PD/A
GER
3/A
A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Tribal Religions}

\section*{REL 25400 - Tribal Religions: From Australia to the Americas (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{A}\) or B
GER
2/C
Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000

3 hrs
\(3 c r\).

\section*{Special Topics in Traditions}

\section*{REL 26200 - Special Topics: Religious Traditions}

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.
3 hrs
3 cr .

REL 36200 - Special Topics: Religious Traditions

GER
3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.
3 hrs
3 cr .
Independent Study

\section*{REL 41000 - Independent Study in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.

May be taken a second or third time with another subject.
prereq: perm chair
hrs TBA
1-6 cr.

\section*{Honors}

To be eligible for honors classes a student must have the director's permission and at least a 3.5 GPA in the major and cumulatively. To qualify for departmental honors, a student must complete one of the honors courses with a grade of B or above, achieving a final GPA in Religion and cumulatively of at least 3.5.

\section*{REL 45000 - Honors Seminar in Religion}

Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.
prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director
3 hrs
3 cr .
REL 49000 - Honors Tutorial in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.
prereq: perm chair
hrs TBA
3-6 cr.

\section*{Minor in Religion}

The Minor in Religion consists of four courses for a total of 12 credits.

The following two courses are required:

\section*{REL 11000 - Nature of Religion (W)}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr .

\section*{REL 11100 - Approaches to Religion (W)}

\section*{Hunter Core}

Individual and Society (I\&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr .
Also required for the Minor in Religion:
a) one course to be chosen from those listed under the category "Religious Traditions"; and
b) one course from the category "Issues in Religion" reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300 -level course.

\section*{Romance Languages - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. In the case of the major in Romance Languages, Foundational courses vary with the foreign languages selected for the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{Major (36 cr)}

Intended for students who want to specialize in two Romance languages.
- Required: 34100 and 34200 in each of two chosen languages ( 12 cr )
- and -
- 9 credits in advanced literature in each of the two languages ( 18 cr )
- 3 credits in culture or translation in each of the two languages ( 6 cr )

\section*{Minor (12 cr)}

Students majoring in one or more Romance languages take as a minor 12 credits in one field of study that leads to a BA degree, which must be approved by the departmental adviser.

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.

\section*{Russian - BA}

Return to: Classical and Oriental Studies

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement. Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{RUSS 10100 - Elementary Russian}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 10200 - Elementary Russian}

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.
-or-

\section*{RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr .

\section*{Major- 24 credits}

The Russian major consists of no fewer than 24 credits chosen among courses in the language beyond RUSS 10100 and RUSS 10200.
1. Russian language sequence: for students who want to acquire native fluency in spoken and written Russian and a thorough knowledge of Russian literature.
2. Russian language and culture sequence: for students whose interests lie in the arts rather than in language. With the permission of the division head, a limited number of courses in translation may be applied to the major sequence.
III. Concentration in Russian and East Central European Studies (RECE): This concentration within the Russian program draws on a variety of disciplines in combination with courses from the Division of Russian and Slavic Studies. Requirements for RECE include
1. Russian or Slavic language proficiency or a pre- or corequisite of 6 credits in Russian or Slavic language at the 20200 (intermediate) level or above and
2. 18 credits distributed as follows:
1. Russian or East Central European history ( 3 cr .);
2. RECE area political science ( 3 cr .);
3. Russian or East Central European literature, culture or arts ( 3 cr .);
4. and three additional 200- or 300-level courses chosen from two of the following categories:
1. anthropology,
2. economics,
3. geography,
4. history,
5. political science and
6. literature, culture or arts.

Students should select courses in consultation with their RECE adviser. In addition to their 18 -to 24 -credit concentration, students are strongly urged to choose 12 minor credits from disciplines related to RECE.
IV. Concentration in Russian translation: for students with interest in acquiring training in Russian translation in a variety of professional fields. Requirements for the concentration in Russian translation include:
1.6 credits in Russian language at the intermediate level (RUSS 20100 and RUSS 20200) or 6 credits in the intensive RUSS 20300 for heritage speakers.
2. RUSS 21500 Translating Culture: Introduction to Theory and Practice of Translation for 3 credits.
3. RUSS 30100 Advanced Russian I for 3 credits
4. RUSS 30200 Advanced Russian II for 3 credits
5. RUSS 31700 Practical Aspects of Translation for 3 credits
6. RUSS 31800 Advanced Translation for 3 credits
7. RUSS 49800 Internship in Russian and Slavic Studies for 3 credits

Students exempt from the Russian language requirement through proficiency testing or by permission of the Division Head are required to take also either:
1. one 300 -level literature course taught in Russian for 3 credits and one of the following 300-level language courses: RUSS 31200
RUSS 31300
RUSS 31400
RUSS 31500 or
RUSS 31900 for 3 credits ( 6 credits in all) or:
2. two 300-level language courses from the following courses

RUSS 31200
RUSS 31300
RUSS 31400
RUSS 31500
RUSS 31900 for 6 credits
3. or two 300-level literature courses in Russian for 6 credits

\section*{Electives}

All courses offered by the Russian Division are open to qualified students for elective credit.

\section*{Preparation for teaching in Grades 7-12}

In cooperation with the The School of Education, the program in Russian provides opportunities for students to prepare for a career in teaching Russian in grades 7-12. Students preparing to teach Russian must complete a 33-credit major option for teaching that includes the 24 -credit sequence taken by non-teaching majors plus 9 additional credits:RUSS 39900 and 6 additional credits in Russian language and literature at the 300 or 400 level. Students interested in teaching Russian in New York Schools should take the 23-credit pedagogical sequence for grades 7-12. This sequence may
count toward the course requirements for New York State Certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the The School of Education.

\section*{Minor in Russian}

The minor in Russian consists of no fewer than 12 credits. Courses taken toward the Russian minor could follow two tracks: the Russian language minor or the Russian literature and culture minor.

Students wishing to minor in Russian should either pass a proficiency test or take the language sequences of

\section*{RUSS 10100 - Elementary Russian}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement. \\ 2 sems, 3 hrs \\ 3 cr. each sem.
}

\section*{RUSS 10200 - Elementary Russian}

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 20100 - Intermediate Russian I}

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr.

\section*{RUSS 20200 - Intermediate Russian II}

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr.
-or-

\section*{RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr.

\section*{RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
6 cr .

\section*{Track I: Russian Language Minor}

Prerequisite

\section*{RUSS 20200 - Intermediate Russian II}

Selected readings in Russian literature. Practice in oral and written expression. prereq: RUSS 20100
3 hrs
3 cr .

Students are expected to take

\section*{RUSS 30100 - Advanced Russian I}

Mastery of grammar in its application to writing, listening comprehension and oral expression. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 30200 - Advanced Russian II

GER
3/A

Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .

\section*{RUSS 31700-Practical Aspects of Translation}

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
-or-
RUSS 31800 - Advanced Translation

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation. prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr .
-or-

\section*{RUSS 31900 - Business Russian}

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
plus one literature course taught in Russian.

\section*{Track II: Russian Literature and Culture Minor}

Prerequisite

\section*{RUSS 20200 - Intermediate Russian II}

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr.

\section*{RUSS 30100 - Advanced Russian I}

Mastery of grammar in its application to writing, listening comprehension and oral expression. prereq: RUSS 20200 or equiv.
3 hrs
\(3 c r\).

\section*{RUSS \(\mathbf{3 0 2 0 0}\) - Advanced Russian II}

\section*{GER}

3/A
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .
and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

\section*{Courses in Russian and Slavic Studies}

\section*{POL 10100 - Elementary Polish}

POL 10100 usually not credited without POL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 6 hrs
6 cr.
POL 20100 - Intermediate Polish I
prereq: POL 10200
3 hrs
3 cr .
POL 20200 - Intermediate Polish II
prereq: POL 20100
3 hrs
3 cr .
POL 25000 - Topics in Polish Literature

Pluralism and Diversity
PD/D
Example: the 19th century Polish novel.
3 hrs
3 cr .
POL 30000 - Independent Study in Polish Language and Literature

3 hrs
3 cr .

\section*{RUSS 10100 - Elementary Russian}

Hunter Core
World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 10200 - Elementary Russian}

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.
RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr .

\section*{RUSS 15500 - The Culture of Old Russia}
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Pluralism and Diversity
PD/D
GER
2/C

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Religion, art, architecture and daily life in medieval Russia.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{RUSS 15600 - Culture of Imperial Russia: the Age of Empresses}
```

Hunter Core
Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/C

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Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{RUSS 15700 - The Age of the Great Masters}
```

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

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Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 15800 - Contemporary Russian Culture

Hunter Core
Individual \& Society (I\&S) Humanities

GER
2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus.
Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka
Theatre.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 20100 - Intermediate Russian I}

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review. prereq: RUSS 10200 or 10300
3 hrs
3 cr .

\section*{RUSS 20200 - Intermediate Russian II}
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Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
cr.

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\section*{RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
6 cr.
RUSS 24500-Russian Folklore: Slavic Myths and Traditions

Common Slavic myths, traditions and social structures.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 24600 - Special Topics in Slavic Literature and Cultures}

Sample topic: fairy tales, satire.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 25000-19th Century Russian Literature in English Translation (W)

\section*{Hunter Core}

Individual and Society (I\&S) Social Sciences

Pluralism and Diversity
PD/D
GER
2/C
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr.
RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)
Hunter Core
Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
\(3 c r\).
RUSS 25200 - Modern Russian Literature in English Translation (W)
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Hunter Core
Individual and Society (I\&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C

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Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al. prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25300 - Russian Theater in English Translation (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)}
```

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

```

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25500 - Russian Folklore, in Translation (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation
```

Pluralism and Diversity
PD/D
Examples: the Russian cinema, Nabokov.
prereq: ENGL 12000
3 hrs
3cr.

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RUSS 25700 - Masterpieces of Russian Literature in English Translation

Examples: Chekhov's short stories or plays, Nabokov.
prereq: ENGL 12000
1 hr
1 cr .
RUSS 25800 - Masterpieces of Russian Literature in English Translation

Example: Pasternak's Dr. Zhivago.
prereq: ENGL 12000
1 hr
1 cr .

\section*{RUSS 25900 - Masterpieces of Russian Literature in English Translation}

Examples: Solzhenitsyn's Gulag, Pushkin stories, Gogol stories.
prereq: ENGL 12000
1 hr
1 cr .

\section*{RUSS 26000 - Russian Women Writers in English Translation (W)}

Hunter Core
I\&S
Pluralism and Diversity
PD/C
GER
3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others.
cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)}
```

Hunter Core
Individual and Society (Social Science) -I\&S SS
GER
2/C

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Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr .

\section*{RUSS 29300 - Folklore in Translation: A Comparative Study}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in
juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
3cr.

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\section*{RUSS 29400 - Folklore and Literature (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A
Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects.
European, African and South American literature and folklore will be introduced or comparative purposes.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 29500 - The Vampire in Lore and Literature (W)}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/C
Comparative study of the vampire in various folk and literary traditions from ancient Greece to the \(21^{\text {st }}\)
century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{RUSS 29600 - Vladimir Nabokov Between Two Cultures}

\section*{Hunter Core}

Creative Expression (CE)
GER
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

\section*{RUSS 29700 - The Russian Urban Novel in English Translation (W)}

\section*{Hunter Core}

I\&S

GER
3/A

The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

\section*{RUSS 30100 - Advanced Russian I}

Mastery of grammar in its application to writing, listening comprehension and oral expression.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 30200 - Advanced Russian II}

\section*{GER}

3/A
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .

\section*{RUSS 31200 - Advanced Russian Conversation I}

Conversation and oral exercises; discussions based on readings of social and cultural interest. Introduction to oral interpreting.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31300 - Advanced Russian Conversation II}

Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31400-Reading Russian I}

Reading and critical analysis of selected literary and journalistic texts from various disciplines. Grammar review through reading.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 31500-Reading Russian II

In-depth study of syntax and idiomatic language to improve reading competency.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31700 - Practical Aspects of Translation}

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31800 - Advanced Translation}

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation. prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr.

\section*{RUSS 31900 - Business Russian}

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 32100 - Russian Short Story and Novella}
```

Pluralism and Diversity
PD/D
GER
3/A

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Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 32200-Classical Russian Poetry}

\section*{Pluralism and Diversity}

PD/D
GER
3/A

Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

\section*{RUSS 32300 - Modern Russian Poetry}

Pluralism and Diversity
PD/D
GER
3/A
Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.
prereq: RUSS 20200 or equiv.
3 hrs
\(3 c r\).
RUSS 32400 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism

GER
3/A
Major literary works of the Kievan period, 968 to 1237: The Primary Chronicle, The Tale of Igor's Campaign. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34000-19th Century Russian Literature

GER
3/A
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 34100-Tolstoy and Dostoevsky}

Pluralism and Diversity
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 34200 - Modern Russian Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: RUSS 20200 or equiv.
3 hrs
cr.

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\section*{RUSS 34300 - Russian Theater}

Pluralism and Diversity
PD/D
GER
3/A

Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 34400-The Silver Age of Russian Literature}
```

Pluralism and Diversity
PD/D
GER
3/A

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Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 36000 - Russian Women Writers}

\section*{Pluralism and Diversity}

PD/C
GER
3/A
Studies the contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. Readings and some writing in Russian. cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 37000 - Independent Study in Slavic Literatures and Cultures}
prereq: ENGL 120
3 hrs
3 cr.

\section*{RUSS 39900 - Second Language Acquisition}

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 120
3 hrs
3 cr .

\section*{RUSS 49100 - Honors Project}

Open to Russian majors only. Essay.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
UKR 30000 - Independent Study in Ukrainian Language and Literature

3 hrs
3 cr .

\section*{Sociology}

\section*{BA in Sociology}

The department recommends a GPA of at least 2.3 when declaring the major. Prospective majors should also complete SOC 10100 Introduction to Sociology.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SOC 10100 - Introduction to Sociology}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
GER
2/B
Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

\section*{Hunter Core Requirement}

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

\section*{Appendix I: Hunter Core Requirement}

In the case of Sociology, the course that meets CCC is:
\begin{tabular}{lll} 
Course & CUNY Common Core & \begin{tabular}{l} 
Foundational \\
Major
\end{tabular} \\
SOC & CUNY Common Core Individual and Society (Social Sciences) I\&S SS 1 & Foundational \\
\(\mathbf{1 0 1 0 0}\) & Course &
\end{tabular}

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

\section*{Major (27 credits)}

\section*{1. Required Courses (6 cr.)}

\section*{SOC 24000 - Introduction to Research Methods}

\section*{GER}

3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 24100 - Social Statistics}

\section*{GER}

3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory. prereq: SOC 10100
3 hrs
3 cr .
2. Sociological Theory (6 cr.)

SOC 22100-Classical Sociological Theory
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Pluralism and Diversity
PD/D

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GER
3/B

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 22300-Current Sociological Theory}

GER
3/B
Significance of concepts and nature of evidence applied to leading theories. Theory construction. prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr.

\section*{3. Electives ( 15 cr .)}

Of the remaining 15 credits, at least 6 must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement.

\section*{SOC 33100 - Field Placement in Social Work Agencies}

\section*{GER}

3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper. prereq: SOC 10100, perm instr.
8 hrs per week
3 cr .

\section*{SOC 33200 - Advanced Field Placement in Social Work Agencies}

GER
3/B

Supervised work in social service agency, weekly seminar, agency-based research project. prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr .

\section*{SOC 37101 - Independent Study}

GER
3/B
Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.

1 hr
1 cr

\section*{SOC 37200 - Independent Study}

\section*{GER}

3/B
Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr . each sem

\section*{SOC 47100 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 47200 - Honors/Independent Study}

\section*{GER}

3/B
Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 49800 - Internship}

GER
3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.
prereq: SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty
hrs TBA
3-6 cr.

\section*{Areas of Concentration}

Students may design their own areas of concentration but they are not required to do so.

\section*{1. Urban Sociology \& Immigration}

GER
3/B

The relationships of space and society, with special attention to the nature and problems of urban life.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 21700 - Race and Ethnicity}

Pluralism and Diversity
PD/B
GER
3/B
Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 30700-Migration}

Pluralism and Diversity
PD/B
GER
3/B
Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr .
SOC 22507 Asians in the US
SOC 32500 Second Generation Asian Americans

\section*{2. Policy \& Institutions: Family, Education, Health \& Social Work}

\section*{SOC 20100 - The Family}

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr .

SOC 20300 - Education

GER
3/B

Education viewed cross-culturally and historically. Schools and colleges as social systems.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 23100 - Introduction to Social Work Profession}

GER
3/B
Introduction to and critical analysis of the social work profession in American society.
prereq: SOC 10100
3 hrs
3 cr .
SOC 23500-Community Organization and Action

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .
SOC 23700-Social Welfare Policy

GER
3/B
Development of welfare institutions. Consequences of welfare services for client and community.
prereq: SOC 10100
3 hrs
3 cr .
SOC 23900 - Child Welfare (W)

\section*{GER}

3/B
Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
\(3 c r\).
SOC 30100 - Medical Sociology

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 31500 - Work and Society (W)}

GER
3/B
Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed WGSL 31500
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 32100-Sociology of Organizations}

GER
3/B
Organization, structure, and processes; relationship between individual and organization.
prereq: SOC 10100
3 hrs
3 cr

\section*{SOC 33000-Children and Public Policy (W)}

\section*{GER}

3/B
Study of changes in children's lives, including family composition, parental work, child care, and poverty, as well as the day-to-day lives of children living in poverty and immigrant families. The historical evolution of public policies and current policy issues are studied as they relate to children, particularly education, income support, and health policies.
International policy comparisons are highlighted
prereq: ENGL 12000
3 hrs
3 cr .
SOC 325xx Food and Society

\section*{3. Comparative/Cross-Cultural/Global Studies}

\section*{SOC 20500 - Sociology of Religion}

GER
3/B

Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36100 - Development and Modernization (W)}

Pluralism and Diversity
PD/A
GER
3/B

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36200 - Sociology of Islam (W)}

GER
3/B

Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36400 - Globalism and Nationalism}

GER
3/B
This course covers the emergence, spread, and decline of global cultural identities and practices in individual nationstates. It further explores the origin, character, and vicissitudes of nationalism in the global area.
prereq: SOC 10100
3 hrs
3 cr
4. Culture, Media and Social Psychology

\section*{SOC 20700 - Leisure, Recreation and Sports}

GER
3/B

Role and social organization of leisure and recreation in traditional and modern society.
prereq: SOC 10100
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3 hrs
3cr.
SOC 25100 - Interpersonal Behavior
GER
3/B
Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3cr.

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SOC 25900 - Mass Media, Communication and Public Opinion (W)
GER
3/B
Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr .

SOC 31400 - Culture and Consumption

GER
3/B

The structure and patterning of everyday life as concerned with material well-being. Symbolic and moral dimensions of food and living arrangements, as well as commerce and the marketplace.
prereq: SOC 10100
3 hrs
3 cr .
5. Research Methods, Demography, \& Applied Sociology

SOC 23500 - Community Organization and Action

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr.
SOC 24000 - Introduction to Research Methods

GER
3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 24100 - Social Statistics}

\section*{GER}

3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 30700 - Migration}

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

\section*{GER}

3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31300 - Consumer Behavior}

\section*{GER}

3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr .

SOC 32100 - Sociology of Organizations

GER
3/B

Organization, structure, and processes; relationship between individual and organization.
prereq: SOC 10100
3 hrs
3 cr
SOC 425xx Mapping Social Science Data
SOC 425xx Ethnographic Research \& Interviewing
SOC 425xx Research Design
SOC 425xx Statistics
SOC 42555 Focus Group Research
SOC 70900 Statistics (graduate course)
SOC 71600 - Workshop Information Technology (graduate course)
SOC 75200 - Focus Group Research

\section*{6. Crime, Law, \& Deviance}

\section*{SOC 32000 - Law, Society and Civil Rights}

\section*{GER}

3/B

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32200 - Drugs and Society}

\section*{GER}

3/B
The course focuses on the social, cultural and historical dimensions of drug use, and treats the causes and consequences of drug use and abuse as a social -rather than bio-physical phenomenon. Course topics may include: drug use as a universal phenomenon, regulatory issues related to drugs, especially in relation to race, class and subcultures; and drugs as a media phenomenon.
prereq: SOC 10100
3 hrs
3 cr
SOC 325xx Sociology of Crime and Punishment
7. Inequality and Social Movements: Gender, Race, Class, Sexualities

\section*{SOC 21300 - Political Sociology}

\section*{GER}

3/B

Power, authority, political ideologies, and patterns of participation. Articulation and resolution of political issues in contemporary societies in the context of globalization.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 21700 - Race and Ethnicity}

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21800 - Social Inequality}

GER
3/B

Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 21900 - American Society (W)}

\section*{GER}

3/B

Analysis of social structures and culture of the contemporary USA.
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

SOC 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 30900 - Social Movements and Social Change (W)}

\section*{GER}

3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31700 - Class, Status, and Power}

\section*{GER}

3/B
Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
\(3 c r\).

\section*{Independent Study}

These options allow students to initiate and carry out a course of study of their own choosing under the guidance of a full-time faculty sponsor. Students must have a written proposal and a general plan of study to submit to the potential faculty mentor.

Students may pursue independent study through

\section*{SOC 37101 - Independent Study}

\section*{GER}

3/B
Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

\section*{SOC 37200 - Independent Study}

\section*{GER}

3/B
Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr . each sem

\section*{SOC 47100 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 47200 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{Honors}

In order to graduate with departmental honors in sociology, students must have a 3.0 GPA overall and a 3.5 GPA in sociology; at least 21 of the credits toward the major should have been courses taken at Hunter College.

\section*{Students must complete either an Honors Seminar}

\section*{SOC 47300 - Honors Seminar}

\section*{GER}

3/B

Honors paper.
prereq: SOC 10100, perm instr.
3 cr. each sem
or an Honors Independent Study
SOC 47100 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

SOC 47200 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{or a graduate course}

\section*{SOC 42500 - Seminar in Selected Problems of Sociology}

\section*{GER}

3/B

Advanced seminar: reading, discussion, and papers on significant problems in sociology and in applied social research; in most cases cross-listed with graduate social research course or seminar.
prereq: SOC 10100, perm instr.
3 hrs
3 cr

\section*{Additional Information}

Students whose GPAs are within this range are urged to consult their adviser before planning senior year programs of study, since honors seminars are generally offered only once per year, usually in the fall semester. In addition, students qualifying for departmental honors are eligible for membership in Alpha Kappa Delta, the International Sociology Honor Society. See adviser for more information.

\section*{Internships}

Provided students secure approval of a full-time faculty member, internships can be carried out for 3 to 6 credits in the areas of marketing, media, and politics, with other areas provided faculty supervision can be secured. Interested students must meet the requirements listed under the SOC 49800 entry.

\section*{Awards}

The Department of Sociology offers four prestigious awards to outstanding students in sociology and applied social research. Once a year at the end of the spring term the Benjamin Ringer Award, carrying a cash stipend of \(\$ 100\), is granted for the best undergraduate paper in the areas of ethnic and race relations. The endowed Rosalyn Tough Award is granted with a tuition remission to one outstanding sociology student. Two Suzanne Keller Awards with a stipend of \(\$ 250\) each are granted at the end of the academic year. One goes to the graduating sociology major with the best academic record. The second Keller award is given to the best BA/MS graduate entering the field of applied social research. For more information about the awards contact the departmental advisers.

\section*{Career Opportunities}

\section*{Applied Social Research}

Students interested in careers in research-related fields such as media and marketing research, policy analysis and evaluation, advertising, consumer behavior, and public opinion polling, as well as students who are contemplating graduate studies in sociology, are encouraged to gain research experience through selected coursework and independent research carried out under faculty supervision.

In addition to the following, which are required for the major,

\section*{SOC 24000 - Introduction to Research Methods}

GER
3/B
Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 24100 - Social Statistics}

GER
3/B
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory. prereq: SOC 10100
3 hrs
3 cr .
Select electives from the following:

\section*{SOC 25900 - Mass Media, Communication and Public Opinion (W)}

\section*{GER}

3/B
Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
\(3 c r\).

\section*{SOC 31100 - Population Dynamics}

\section*{GER}

3/B
Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31300 - Consumer Behavior}

\section*{GER}

3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr .

\section*{Additional Information}

The department has also participated in a number of programs that place qualified minority students in summer research internships at leading universities. See advisers for more information.

\section*{Social Work}

Students interested in careers in social work or other human services are strongly encouraged to consult the pre-social work adviser (Prof. Poppendieck, Room 1603 Hunter West, (212) 772-5583, jpoppend@hunter.cuny.edu). The presocial work advising office offers information about graduate study in social work as well as help with program planning.

\section*{Pre-social work}

Pre-social work students without work experience in the human services should plan to take the following courses that provide supervised field experience.

\section*{SOC 33100 - Field Placement in Social Work Agencies}

\section*{GER}

3/B
Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper. prereq: SOC 10100, perm instr.
8 hrs per week
3 cr .

\section*{SOC 33200 - Advanced Field Placement in Social Work Agencies}

\section*{GER}

3/B
Supervised work in social service agency, weekly seminar, agency-based research project.
prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr. 8 hrs per week
3 cr.
Ideally, this coursework should be completed by the end of the junior year, and students must meet with the instructor in the previous semester to arrange a placement.

\section*{Directly related to social work}

While virtually all sociology courses are relevant to the practice of social work, several courses are directly related to social work

\section*{SOC 23100 - Introduction to Social Work Profession}

\section*{GER}

3/B

Introduction to and critical analysis of the social work profession in American society.
prereq: SOC 10100
3 hrs
\(3 c r\).
SOC 23500 - Community Organization and Action

\section*{GER}

3/B
Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
\(3 c r\).
SOC 23700 - Social Welfare Policy

GER
3/B

Development of welfare institutions. Consequences of welfare services for client and community.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23900 - Child Welfare (W)}

GER
3/B
Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

\section*{Graduate Courses}

Qualified undergraduates seeking more advanced or specialized work may, with the permission of the instructor, be permitted to take graduate courses. Consult the graduate catalog for course listings.

\section*{Sociology Minor}

The minor in sociology consists of 12 cr , including
SOC 10100 Introduction to Sociology
SOC 22100 Classical Sociological Theory
and two additional Sociology electives. It is recommended that one of the electives be at the upper division level (i.e. 300 level)

\section*{Spanish - BA}

\section*{Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)}

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition ( 3 cr ). The 23 -credit pedagogical sequence in adolescent education will serve as the minor. See the The School of Education section of the catalog for further information.

\section*{Major}

The Spanish major provides two concentrations:
a. Spanish Literature
b. Major concentration in Spanish-English/English-Spanish translation and interpretation (36 cr)

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Minor in Spanish}

\section*{1. Spanish Minor}

The Spanish minor consists of 15 credits of courses that are taught entirely in Spanish and combines language, civilization, and literature.

The prerequisite for a Spanish minor consists of either

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr.
or-

\section*{SPAN 20800 - Advanced Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr .
or equivalent proficiency

\section*{2. Minor in Spanish Cultures and Literatures}

The following courses are required for a minor in Spanish Cultures and Literatures:
Two language courses

Two language courses (6 credits) above the SPAN 20200 (non-heritage speakers) or SPAN 20800 (heritage speakers) level, at least one of which must be a 300 -level course. Recommended courses are:

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr .

\section*{SPAN 22100 - Spanish for Oral Communication}

Not for fluent Spanish speakers.
prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr .

\section*{SPAN 27000 - Spanish Composition for Spanish Speaking Students}
```

prereq: SPAN 20800 or perm adviser
3 hrs
3cr.

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\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser

3 hrs
3 cr .

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

One civilization course

One civilization course (3 credits) chosen from

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER
3/A

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.
-or-

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

Two literature courses

Two literature courses (6 credits) on Spanish or Latin American literature. Recommended courses include:

\section*{SPAN 27500 - Readings in Modern Spanish Literature}

Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm

3 hrs
3 cr .

\section*{SPAN 27600 - Readings in Modern Spanish- American Literature}

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez. prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr .
Alternately, students may take 300-level Spanish and Latin American literature courses from the following list by special permission of adviser:

\section*{SPAN 34300 - Spanish Literature of the Middle Ages}
```

Pluralism and Diversity
PD/D
GER
3/A

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After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34500 - Spanish Drama of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34600 - Cervantes}

Pluralism and Diversity
PD/D
GER
3/A
Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34900 - Spanish Prose of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 35000 - Spanish Poetry of the Golden Age}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}
```

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
cr.

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\section*{SPAN 35500 - Spanish Literature from Realism to World War I}
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Pluralism and Diversity
PD/D
GER
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3cr.

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Pluralism and Diversity
PD/D
GER
3/A
Presentation of the major writers and works of the first 40 years of 20th century Spanish literature
prereq: SPAN 34100
3 hrs
3cr.

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\section*{SPAN 35800 - Post-Civil War Spanish Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr.

```

SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36400 - Spanish-American Modernism and Post-modernism}
```

GER
3/A
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3cr.

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\section*{SPAN 36500 - Survey of Spanish-American Teatro}

\section*{GER}

3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36600 - Contemporary Latin American Poetry

\section*{GER}

3/A
Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36700 - Latin American Essay

GER
3/A
Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A
Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 37000 - Special Topics in Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

\section*{Note:}

Students may use transfer credits and credits from the Hunter programs in Spain and Argentina up to a maximum of 6 credits. At least 9 credits of the minor must be completed in residence at Hunter.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.

Spanish in Spain is offered during June, July, or both months at the Universidad Antonio de Nebrija in Madrid. Spanish in Argentina is offered during the winter break in Mar del Plata (Argentina) at the Universidad Nacional de Mar del Plata.

\section*{Spanish Literature}
return to Section IX: Programs of Study
return to Spanish - BA

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SPAN 10100 - Elementary Spanish I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{SPAN 10200 - Elementary Spanish II}
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Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
cr.

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\section*{SPAN 20100 - Intermediate Spanish I}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr .

\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .
-Or-

\section*{SPAN 10300 - Intensive Elementary Spanish}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr.

\section*{SPAN 20300 - Intensive Intermediate Spanish}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr .
-or-

\section*{SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Spanish for native speakers.
3 hrs
3 cr .
SPAN 10600-Oral and Written Skills for Native Speakers of Spanish

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.
3 hrs
3 cr .

\section*{SPAN 20700 - Intermediate Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr .

\section*{SPAN 20800 - Advanced Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.
-and-

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

Major - 36 credits

\section*{1. Spanish Literature Courses (12 cr.)}

\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.

3 hrs
\(3 c r\).

\section*{SPAN 34100 - Introduction to Hispanic Literature I}
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Pluralism and Diversity
PD/D
GER
3/A

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Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr .

\section*{SPAN 34200 - Introduction to Hispanic Literature II}

Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr .

\section*{2. Literature before the 19th century (6 cr.)}
choose from:

\section*{SPAN 34300 - Spanish Literature of the Middle Ages}

Pluralism and Diversity
PD/D
GER
3/A
After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 34500 - Spanish Drama of the Golden Age}

Pluralism and Diversity
PD/D

GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 34600 - Cervantes}

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34900 - Spanish Prose of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 35000 - Spanish Poetry of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo. prereq: SPAN 34100
3 hrs
3 cr.

\section*{3. Latin American literature (9 cr.)}
choose from:
(At least 3 credits from this category must be in contemporary literature)

\section*{SPAN 36000 - Spanish-American Literature of the Colonial Period}

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36600 - Contemporary Latin American Poetry}

\section*{GER}

3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36700 - Latin American Essay

GER
3/A
Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36800 - Contemporary Latin American Narrative

\section*{GER}

3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
\(3 c r\).
SPAN 37100 - Special Topics in Spanish- American Literature

GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .
4. One course chosen from the following (3 cr.)

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER
3/A

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.
-or-

\section*{SPAN 33600 - Latin American Civilization}

GER
3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{5. Two additional courses chosen from the following (6 cr.)}

Students may choose the remaining 6 credits in any course in literature from Spain or Hispanic America numbered above 342. Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

\section*{SPAN 39900 - Second Language Acquisition}
prereq: at least three courses at the 300- level in the language; ENGL 12000
3 hrs
3 cr.

SPAN 49500 - Independent Study in Hispanic Literature
Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.

\section*{SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12}

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .
- SEDC 712 (see graduate catalog)

\section*{Statistics - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students will appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

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

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance
the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

\section*{Major}

To enter the major the student must have completed MATH 15000 (STEM) and MATH 15500 (STEM). Normally, the statistics major consists of 32 credits as follows: 29 credits of core curriculum courses and any additional 3-credit statistics, mathematics, or computer science course approved by the statistics adviser. Modifications are permitted with the consent of the statistics adviser. For example, a student may elect to replace STAT 21200 with a more advanced course. With permission of the adviser, a student may take graduate courses in statistics and applied mathematics. Students interested in bioinformatics take the additional courses listed in the concentration in Quantitative Biology.

\section*{Major Core Curriculum (29 cr)}

\section*{MATH 25000 - Calculus with Analytic Geometry III}

\section*{GER}

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
\(4 c r\).

\section*{MATH 25400 - Ordinary Differential Equations}

\section*{GER}

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.
-or-

\section*{MATH 35400 - Dynamical Systems and Chaos}

\section*{GER}

3/B
Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete onedimensional dynamical systems.
prereq: MATH 25000, 26000
3 hrs
3 cr .

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

\section*{STAT 21200 - Discrete Probability}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{STAT 21400 - Data Analysis Using Statistical Software}

\section*{GER}

3/B
Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building prereq: STAT 21300 or MATH 12500 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr .

\section*{STAT 31100 - Probability Theory}

GER
3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

\section*{STAT 31200 - Stochastic Processes}

\section*{GER}

3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr .

\section*{STAT 31300 - Introduction to Mathematical Statistics}

\section*{GER}

3/B
Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr .

\section*{Actuarial Sequence}

A student interested in actuarial work should take the following courses. Students are also encouraged to take courses in accounting, economics and computer science. For information concerning examinations and prizes given to undergraduates by the Society of Actuaries, consult the departmental adviser.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).
MATH 15500 (STEM) - Calculus with Analytic Geometry II

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

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

prereq: grade of C or better in MATH 15000

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4 hrs
\(4 c r\).

\section*{MATH 25000-Calculus with Analytic Geometry III}

\section*{GER}

3/B

\begin{abstract}
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
\(4 c r\).
\end{abstract}

\section*{MATH 26000 - Linear Algebra}

\section*{GER}

3/B
```

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications. prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
$4 c r$.

```

\section*{STAT 31100 - Probability Theory}

\section*{GER}

3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems. prereq: MATH 25000.
3 hrs
3 cr .

\section*{STAT 31300 - Introduction to Mathematical Statistics}

GER
3/B
Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr .

\section*{Statistics BA Programs}

The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Bioinformatics is a rapidly developing area open to students in statistics with a working knowledge of computing and biological sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics and economics. In addition to offering the

Statistics Major, the department has a specialized undergraduate track for students interested in pursuing a career in bioinformatics: the concentration in Quantitative Biology. The BA/MA in Statistics and Applied Mathematics offered by the department provides enrichment for undergraduate statistics majors.

Statistics - BA
Statistics Major with a Concentration in Quantitative Biology - BA
Mathematics or Statistics and Applied Mathematics - BA/MA

\section*{Honors}

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600 , by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

\section*{MATH 49000 - Honors Seminar}
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GER
3/B
prereq: MATH 31100, 35100, departmental permission
3 hrs
cr.

```
    -or-

\section*{STAT 48600 - Modeling and Visualization}

\section*{GER}

3/B
The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors.
prereq: departmental permission
3 hrs
3 cr .

\section*{Statistics Minor}

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate adviser concerning course selection.

\section*{Statistics Major with a Concentration in Quantitative Biology BA}

For students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry.

Students interested in this concentration in the statistics major should consult the adviser. Information at http://www.hunter.cuny.edu/qubi/statistics-majors

For this concentration, the student must complete the entry requirement for the statistics major (MATH 15000 (STEM) and MATH 15500 (STEM)). This major consists of the following core curriculum and additional required courses:

\section*{Major Core Curriculum (30 credits)}

\section*{MATH 15600 - Introduction to Mathematical Proof Workshop}

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

\section*{MATH 25000 - Calculus with Analytic Geometry III}

\section*{GER}

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

\section*{MATH 26000 - Linear Algebra}

GER
3/B
Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

\section*{MATH 25400 - Ordinary Differential Equations}

GER
3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000

3 hrs
3 cr .
or

\section*{MATH 35400 - Dynamical Systems and Chaos}

\section*{GER}

3/B

Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete onedimensional dynamical systems.
prereq: MATH 25000, 26000
3 hrs
3 cr .

\section*{STAT 21200 - Discrete Probability}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time. prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{STAT 21400 - Data Analysis Using Statistical Software}

\section*{GER}

3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building prereq: STAT 21300 or MATH 12500 and STAT 11300 with grade of C or better in each course.
3 hrs
\(3 c r\).

\section*{STAT 31100 - Probability Theory}

\section*{GER}

3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

\section*{STAT 31200 - Stochastic Processes}

\section*{GER}

3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr .

\section*{STAT 31300 - Introduction to Mathematical Statistics}

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr.

\section*{Additional Required Courses (30 credits)}

\section*{CSCI 13200 - Practical UNIX and Programming, with Lab}

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ 2/E
}

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .
CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
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coreq: CHEM 10400

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6 hrs
3 cr .
(or equivalent)

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER \\ GER 3/B}

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

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

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

\section*{BIOL 20300 - Molecular Biology and Genetics}

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

7 hrs
4.5 cr .
spring only

\section*{BIOL 42500 - Computational Molecular Biology}

\section*{GER}

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.
Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

\section*{Studio Art - BA}
- Studio Art 24-Credit Major (BA)
- Studio Art 42-Credit Major (BA)

\section*{Electives}

All courses, unless otherwise specified, are open to qualified students majoring in other areas.

\section*{Honors}

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

\section*{ARTCR 36000 - Special Projects}

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches:
Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: \$50
prereq: See department
3 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 40200 - Independent Study in Studio Art}

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

\section*{Graduate Study}

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

\section*{Studio Art 24-Credit Major (BA)}

\section*{Return to Programs and Courses in Art}

The 24-Credit Major (BA) is recommended to the student interested in a liberal arts education, particularly those interested in double majoring in Art History, or in other majors in the college. It consists of eight courses in the major subject, normally one 3-credit course per semester, beginning with ARTLA 10100, followed by ARTCR 22100, and an additional 18 credits selected from 20000- and 30000-level ARTCR courses. Repeated and additional courses cannot count towards the BA degree.

\section*{The 24-credit major in creative art consists of eight courses:}

\section*{Honors}

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit 35 mm slides of an advanced studio project or independent study course.

\section*{Foundational Courses (6 credits)}

\section*{ARTLA 10100 - Introduction to Study of Visual Experience}

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio

\section*{ARTCR 22100 - Drawing}

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \$50
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{Studio Art Courses (18 credits)}

6 courses selected from ARTCR 20000 and 30000 level courses.

\section*{Total for Major: 24 credits}

\section*{Studio Art 42-Credit Major (BA)}

The 42-credit Major (BA) is an intensive major recommended for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art. It consists of ARTLA 10100 and ARTCR 22100, with a concentration of 9 credits in one study area (e.g., painting, sculpture, drawing, graphics, ceramics, photography, combined media) and 18 credits of other studio art courses to be determined in consultation with a departmental adviser. Nine credits of study in art history are required. Students in the 42 -cr Studio Art major may not double major in Art History, but they may minor in Art History, by taking any 4 classes ( 12 cr ) in addition to the 3 classes ( 9 cr ) required for the Studio Art 42cr major. No more than 30 credits of ARTCR can be counted toward the 120 credit BA degree, whether in the major or as college electives.

Students should consult with a department adviser for guidance in the selection of 200-level courses. The plan for the area of concentration should be submitted to an adviser for tentative approval at the beginning of the junior year and for final approval in the lower senior term.

Please note: A maximum of 30 ARTCR credits may be applied toward the BA degree.

\section*{The 42-credit major in creative art consists of fourteen courses}

Foundational Courses (6 credits) - 6 cr.

\section*{ARTLA 10100 - Introduction to Study of Visual Experience}

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio

\section*{ARTCR 22100 - Drawing}

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \(\$ 50\)
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.

4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio
Concentration Courses (9 credits)

3 courses in one study area
(e.g., painting, sculpture, drawing, graphics, ceramics, photography or combined media)

Example Concentration: Painting - ARTCR 23500, ARTCR 33600, ARTCR 33600
Advanced level courses may be repeated once with two different instructors.
Please note: ARTCR 360xx (special topic courses) cannot be used towards the concentration.

\section*{Art History (9 credits)}

3 courses of ARTH

\section*{Studio Art Courses (18 credits):}

6 other studio art courses, selected from 200 and 300 level to be determined in consultation with adviser.
Please note: ARTLA 36018 may be substituted for an ARTCR course with permission of the adviser.)
Total for Major: 42 credits

\section*{Honors}

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

\section*{ARTCR 36000-Special Projects}

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches:
Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: \$50
prereq: See department
3 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 40200 - Independent Study in Studio Art}

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

\section*{Note:}

All ARTCR courses, unless otherwise specified, are open to qualified students majoring in other areas with instructor permission.

\section*{Theatre - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

\section*{THEA 10100 - Introduction to Theatre}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/D
Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major in Theatre (30 cr)}

Students must have earned at least 24 credits to declare a Theatre major.

\section*{THEA 21100 - World Theatre I (W)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

THEA 21200 - World Theatre II (W)

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.
THEA 21300 - World Theatre III (W)

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

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

\section*{THEA 25100 - Theatre Production}

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions
prereq: THEA 10100 or perm instr.
5 hrs
3 cr.

\section*{THEA 26100 - Acting II: American Realism}

\section*{GER}

3/A

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism. prereq: THEA 16100 or perm instr.
4 hrs
3 cr .

THEA 32100 - Play Analysis (W)

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .

THEA 28100 - Visual Elements of Theatre

GER
3/A

Introduction to the theory and practice of various design elements and their contribution to theatrical production. Includes practical work on departmental productions.
prereq: THEA 10100
5 hrs
3 cr .
-or-

THEA 28500 - Design Concepts for Theatre, Film, and Television

GER
3/A

Theoretical and practical elements of design in theatre, film, and television.
prereq: THEA 10100 or FILM 10100
3 hrs
3 cr .
- Electives chosen from 300-level courses 6 cr.
- 2 production crews (not-for-credit)
plus one course selected from the following:

\section*{THEA 38100-Scene Design I}

GER
3/A

Theory and practice of scenic design for the stage. Includes practical work on departmental productions.
prereq: THEA 28100
5 hrs
3 cr.

\section*{THEA 38300-Costume Design I}

\section*{GER}

3/A
Theory and practice of costume design for the stage. Includes practical work on departmental producations. prereq: THEA 28100
5 hrs
3 cr.

\section*{THEA 38400-Stage Lighting Design}

GER
3/A

Principles, techniques, and practice of lighting for theatre, emphasizing its contribution to dramatic interpretation. prereq: THEA 28100
5 hrs
3 cr .
THEA 38500 - Production Design I for Theatre, Film, and Television

\section*{GER}

3/A
Theory and practice in scenic design for theatre, film, and television.
prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3 cr .
THEA 38700 - Concepts of Light in Theatre, Film, and Television

GER
3/A
The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television: how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.
prereq: THEA 28100 or THEA 28500
3 hrs
3 cr .
Minor

Theatre majors may select a minor from any department or program in the college that offers a program of study leading to a BA degree. Students should consult the departmental adviser regarding appropriate minor choices.

\section*{Minor in Theatre}

A Minor in Theatre requires a minimum of 12 credits in the Department of Theatre at the 200-level or higher of which at least 3 credits must be at the 300 -level (these are usually at least 3 credits). Minors are required to take all necessary prerequisites for these courses. Minors have access to all courses offered by the Department of Theatre. Minors are encouraged to participate in departmental and student productions. Interested students must meet with the undergraduate advisor in the Department of Theatre to declare a minor and to define their course of study.

\section*{Honors}

Open to any qualified junior or senior with a 3.5 GPA in Theatre and an overall minimum GPA of 2.7 and permission of the chair. Individual work under faculty supervision. Departmental honors granted at graduation.

\section*{Urban Studies - BA}

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major (30 credits)}

Urban studies majors must complete 30 credits of courses that provide a rigorous background that will make students competitive job seekers or graduate school applicants. The core includes an introductory course as well as classes about the city's physical structure, public polices and research methods, both qualitative and quantitative. The urban studies core provides a foundation for more advanced courses. In addition to the core and advanced courses, the major requires an internship, elective courses, and interdisciplinary set of classes from several social science disciplines, e.g., political science, history, and economics.

\section*{A. Urban Studies Core 15 cr}

\section*{URBS 10100 - Urban Life: Personal and Observational View (W)}

\author{
Hunter Core \\ Individual \& Society - Social Science I\&S SS \\ GER \\ 2/B
}

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to
more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr .

\section*{URBS 10200 - Structure of Urban Region (W)}

\section*{Hunter Core \\ Individual and Society Social Science (I\&S SS) \\ GER \\ 2/B}

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr.

\section*{URBS 20100 - Urban Plans and Policies}

\section*{GER}

2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making. prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr.

\section*{URBS 31000 - Methods of Urban Research and Policy Analysis}

\section*{GER}

3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr.

\section*{URBS 31100-Quantitative Approaches to Urban Analysis}

\section*{GER}

3/B
A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.
prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.
3 hrs
3 cr.

\section*{B. Urban Studies Electives 6 cr}

Any two (2) 400-level courses in Urban Studies may fulfill this requirement

\section*{Examples:}

\section*{URBS 40100 - Managing Urban Physical Environment}

\section*{GER}

3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40200 - Urban Studies Studio}

\section*{GER}

3/B
This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40300 - Selected Topics in Urban Affairs}

\section*{GER}

3/B

Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
3 cr .
C. Fieldwork Component 3 cr

URBS 40900 - Urban Studies Internship

GER
3/B

Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.
3 hrs
3 cr.
D. Basic Social Science Component 6 cr

Select two from:

\section*{AFPRL 38400 - Poverty in Society (W)}

\section*{GER}

3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr .

\section*{AFPRL 42000-The Black Church and Social Change}

\section*{GER}

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .
ECO 33000-Economic Development

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr.
GEOG 22700 - Environmental Conservation: Urban Problems

GER
3/B

Covers topics related to environmental problems and their connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards.
3 hrs
3 cr.

\section*{GEOG 24300 - Urban Geography}

\section*{GER}

3/B
Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, \(\mathrm{Jr} / \mathrm{Sr}\) only
3 hrs
3 cr .

\section*{GEOG 35700 - Geography of New York City and Vicinity}

\section*{GER \\ 3/B}

Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to Jr/Sr only.
prereq: GEOG 10100
3 hrs
3 cr.
Offered fall.

\section*{HIST 31700 - History of the American City}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/B}

History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{POLSC 21200 - Urban Politics (W)}

GER
3/B

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{SOC 21100 - Urban Sociology}

GER
3/B

The relationships of space and society, with special attention to the nature and problems of urban life. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21700 - Race and Ethnicity}

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21800-Social Inequality}

GER
3/B
Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23500-Community Organization and Action}

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .

\section*{URBS 40100 - Managing Urban Physical Environment}

\section*{GER}

3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40200 - Urban Studies Studio}

\section*{GER}

3/B
This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40300 - Selected Topics in Urban Affairs}

\section*{GER}

3/B
Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
3 cr .

\section*{Additional Information}
*Students should consult with a program advisor to choose 6 credits ( 2 courses) of upper-level social science classes appropriate to students' interest. This component can also be met by another 300- or 400 -level urban-related course, if approved by the undergraduate advisor.

\section*{Departmental Honors: Eligibility Criteria}

Overall GPA: 3.2 and above
Major GPA: 3.5 and above

\section*{Graduate Courses}

The following graduate courses are open to senior urban studies majors. Other graduate-level courses may be taken by seniors with permission of the instructor:

URBP 70100 History and Theory of Urban Planning
URBG 70200 Structure of the Urban Region
In addition to these two courses, there are cross-listed classes, offered each semester, that are open to undergraduate students.

\section*{Women and Gender Studies - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\author{
Hunter Core \\ English Comp (EC) \\ GER
}

1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major}

The Women and Gender Studies Program offers a 27-credit major. The 27 required credits are distributed as follows:
Core 12 cr

\section*{WGS 10000 - Introduction to Gender and Sexuality Studies}

\section*{Hunter Core}

Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr .

\section*{WGS 20100 - Classics in Feminist Thought (W)}

\section*{Pluralism and Diversity}

PD/C
GER
3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr .

\section*{WGS 24400 - Transnational Feminisms}

\section*{Pluralism and Diversity \\ PD/C \\ GER \\ 3/A or B}

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.
prereq: WGS 10000, ENGL 12000
3 hrs
\(3 c r\).

\section*{WGS 31000 - Research Seminar: Feminist Theory and Methodology}

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.
Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar
prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher
3 hrs
3 cr .
spring semester

\section*{Area of Concentration -9 Credits}

\section*{Students will choose one from among the \(\mathbf{6}\) areas of concentration listed as follows:}

Area of Concentration 1: Feminist Thought and Theory (WGST)
Area of Concentration 2: Sexualities (WGSS)
Area of Concentration 3: Gender \& Public Policy (WGSP)
Area of Concentration 4: Labor, Migration and Globalization (WGSL)
Area of Concentration 5: Women and Gender across Cultures (WGSC)
Area of Concentration 6: Gender, Literature and the Arts (WGSA)

\section*{Electives - 6 credits}

Students will be required to take two elective classes ( 6 credits). One ( 3 credits) of the two elective classes MUST be in a different Area of Concentration than their primary one. At least one of the classes in your Area of Concentration or an elective must be 300 level or above.

\section*{Minor in Women and Gender Studies - 12 credits}

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000 ), Classics in Feminist Thought (WGS 20100), Transnational Feminisms (WGS 24400 ) and one elective course from one of the six areas of concentration.

WGS 10000 - Introduction to Gender and Sexuality Studies , must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400 - Transnational Feminisms.

\section*{Research Seminar}

Majors may satisfy the Senior Seminar requirement of the major by enrolling in the Research Seminar (WGS 31000) This course serves as a capstone course in which WGS majors apply feminist theory and methodology to develop an original research project resulting in a substantial paper.

\section*{Honors}

In order to graduate with honors in Women and Gender Studies, a student must have a 3.5 GPA in the Women and Gender Studies major and a college-wide cumulative index of at least 3.0. Students should submit a 18-20 page paper written for any Women and Gender Studies 300 level class including but not limited to the Research Seminar (WGS 31000). The student must submit the paper by March 30 (for June graduation) and October 30 (for December
graduation) to be considered for program honors. A faculty committee will read submitted papers and determine whether they merit honors.

\section*{Bachelor of Arts/Master of Arts - BA/MA}

\section*{Adolescent Biology, Grades 7-12 - BA/MA}

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

\section*{Applying for Admission}

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

\section*{Admission Requirements}
1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of \(\mathrm{CR} / \mathrm{NC}\) grades.
5. Formal declaration of a major in biology.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

\section*{Liberal Arts and Sciences Major Requirements}

Complete the full major in Biology replacing 10 credits of elective courses that they take towards the BA with graduate courses. Complete the extra 19 credits of graduate biology courses for a total of 29 graduate biology credits.

\section*{New York State Liberal Arts \& Science Distribution Requirement}

These are courses required for School of Education students. Most of these courses may also be used toward the Common Core Requirements.
- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 3 credits in the arts
- 6 credits of foreign language
- 6 credits in math (a college course in calculus meets this requirement)

\section*{Academic Progress Standards}
- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of \(\mathrm{D}+\) or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

\section*{Course of Study}

\section*{Education Courses for BA/MA in Adolescent Biology. For course descriptions please see the graduate catalog.}
- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SEDC 75401: Student Teaching in Grades 7-12: Biology
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings

\section*{School of Education Exit Standards}

Students must meet the following criteria in order to graduate with a School of Education major or minor:
- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.

\section*{Adolescent Chemistry, Grades 7-12 - BA/MA}

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

\section*{Applying for Admission}

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

\section*{Admission Requirements}
1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of \(\mathrm{CR} / \mathrm{NC}\) grades.
5. Formal declaration of a major in chemistry.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

\section*{Liberal Arts and Sciences Major Requirements}

Minimum of 138 credits to include the Chemistry major (minimum of 26 credits) and associated auxiliary courses (41.5 credits) at the undergraduate level; 14 graduate credits in chemistry.

\section*{New York State Liberal Arts \& Science Distribution Requirement}

These are courses required for Adolescent Chemistry, BA/MA School of Education students. Most of these courses may also be used towards the Hunter Core requirements
- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 3 credits in the arts
- 6 credits of foreign language
- 6 credits in math or technology (a college course in calculus meets this requirement)

\section*{Academic Progress Standards}
- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of \(\mathrm{D}+\) or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

\section*{Course of Study}

\section*{Education Courses for BA/MA in Adolescent Chemistry. For course descriptions please see the graduate catalog.}
- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SEDC 75402: Student Teaching in Grades 7-12: Chemistry
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings

\section*{School of Education Exit Standards}

Students must meet the following criteria in order to graduate with a School of Education major or minor:
- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.

\section*{Adolescent Earth Science, Grades 7-12 - BA/MA}

The BA/MA program in Adolescent Earth Science Education leads to initial certification as a teacher in New York State.

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

\section*{Applying for Admission}

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

\section*{Admission Requirements}
1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 120.
4. Have no more than 6 cr . of \(\mathrm{CR} / \mathrm{NC}\) grades.
5. Formal declaration of a major in earth science.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

\section*{Liberal Arts and Sciences Major Requirements}

Minimum of 134 credits to include the Environmental Earth Science Concentration major (minimum of 39 credits) and associated auxiliary courses ( 15.5 credits) at the undergraduate level; 16 graduate credits in earth science.

\section*{New York State Liberal Arts \& Science Distribution Requirement}

These are courses required for School of Educaiton BA/MA Adolescent Earth science students. Most of these courses may be used toward the Common Core Requirements.
- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 3 credits in the arts
- 6 credits of foreign language
- 6 credits in math or technology (a college course in calculus meets this requirement)

\section*{Academic Progress Standards}
- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of \(\mathrm{D}+\) or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

\section*{Course of Study}

Education Courses for BA/MA in Adolescent Earth Sciences. For course descriptions please see the graduate catalog.
- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SEDC 75404: Student Teaching in Grades 7-12: Earth Sciences
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings

\section*{School of Education Exit Standards}

Students must meet the following criteria in order to graduate with a School of Education major or minor:
- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.

\section*{Adolescent Mathematics, Grades 7-12 - BA/MA}

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

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

\section*{Applying for Admission}

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

\section*{Admission Requirements}
1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 120.
4. Have no more than 6 cr . of \(\mathrm{CR} / \mathrm{NC}\) grades.
5. Formal declaration of a major in mathematics.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

\section*{Liberal Arts and Sciences Major Requirements}

50-credits in Mathematics Preparation for Adolescent Education (Grades 7-12) - BA/MA, including MATH 150, 155, \(250,260,311,620,623\) or \(634,630,661\), STAT 213 and 614 , plus 12 additional credits at the 200 level or above.

A minimum of 141 credits is required for this degree.

\section*{New York State Liberal Arts \& Science Distribution Requirement}

These are courses required for School of Education students. Most of these courses may also be used towards the Common Core Requirement.
- ENG 120 and ENG 220
- Two courses selected from HIST 151, HIST 152 and GEOG 101
- STAT 213
- One science course with a lab component
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication

\section*{Academic Progress Standards}
- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of \(\mathrm{B}-, \mathrm{C}+, \mathrm{C}\) or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of \(\mathrm{D}+\) or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

\section*{Course of Study}
- SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)
- SEDF 20400 - Adolescent Development
- SEDF 20500 - Educational Psychology: Applications in Grades 7-12
- SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 21000 - Building the Foundations of Literacy in Grades 7-12
- SEDC 22000 - Adolescent Health and Safety

Additional Education Courses for BA/MA in Adolescent Mathematics. For course descriptions please see the graduate catalog.
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72300: Methods II: Intensive Study of Teaching Diverse Learners in Mathematics, Grades 7-12
- SEDC 7530: Student Teaching in Grades 7-12: Mathematics
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings

\section*{School of Education Exit Standards}

Students must meet the following criteria in order to graduate with a School of Education major or minor:
- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.

\section*{Adolescent Physics, Grades 7-12 - BA/MA}

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

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

\section*{Applying for Admission}

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

\section*{Admission Requirements}
- Minimum of at least 65 credits but no more than 90 credits.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Receive a grade of B or better in ENGL 12000.
- Have no more than 6 cr. of CR/NC grades.
- Formal declaration of a major in physics.
- Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

\section*{Liberal Arts and Sciences Major Requirements}

Minimum of 130.5 credits to include Physics major (minimum of 37 credits) and 16 graduate credits in physics.

\section*{New York State Liberal Arts \& Science Distribution Requirement}

These are courses required for School of Education students. Most of these courses may also be used towards the Common Core Requirement.
- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 3 credits in the arts
- 6 credits of foreign language
- 6 credits in math or technology (a college course in calculus meets this requirement)

\section*{Academic Progress Standards}
- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of \(\mathrm{D}+\) or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

\section*{Course of Study}

Education Courses for BA/MA in Adolescent Physics. For course descriptions please see the graduate catalog.
- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Classroom Organization, Management and Assessment of Instruction in Mathematics and Science Grades 7-12
- SEDC 72400: Methods II: Teaching Diverse Learners in Science, Grades 7-12
- SEDC 75403: Student Teaching in Grades 7-12: Physics
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings

\section*{School of Education Exit Standards}

Students must meet the following criteria in order to graduate with a School of Education major or minor:
- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.

\section*{Anthropology - BA/MA}

A special feature of the Hunter Anthropology Department is the innovative BA/MA program, designed to permit a small number of highly motivated students to begin graduate study before completing their undergraduate degrees. The program allows students to pursue the MA degree as part of the undergraduate curriculum by substituting graduate courses for electives in their degree programs. Participants fulfill all the requirements for the BA and MA degrees in anthropology. The total number of credits taken by the student is 130 . At least 30 must be graduate credits (the same number of course credits required of a student admitted as a matriculated graduate student with a BA in hand). Graduate courses may fulfill undergraduate major requirements with the exception of. Applicants to the BA/MA program must have a minimum GPA of 3.25 and a minimum of 3.5 in their anthropology courses. Students must apply to the program early in their academic careers, usually before beginning the junior year.

Please note: This program is suspended. It is not currently admitting new students. For further information, please contact the department at (212) 772-5410.

\section*{Biological Sciences with Specialization in Biotechnology Accelerated BA/MA}

\footnotetext{
In this five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic
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research, or public health. Successful completion of the biotechnology workshop (BIOL 61000 see graduate catalog), an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.

\section*{Biological Sciences/Environmental and Occupational Health Sciences - Accelerated BA/MS}

This is an accelerated program leading to a BA in biology and an MS in environmental and occupational health sciences in five years. Biology majors admitted to the program start graduate work in their senior year. Interested students should contact a departmental adviser early in their undergraduate studies, as well as the office of the director of the Environmental and Occupational Health Sciences Program at the CUNY School of Public Health at Hunter College. The program provides biology majors with a career option in public health.

\section*{Chemistry/Adolescent Education: Chemistry - BA/MA}

An accelerated program leading to a BA in Chemistry and an MA in Adolescent Education: Chemistry. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the MA degree one year after they complete the requirements for the BA degree. Students interested in the program should speak to a chemistry department adviser during their sophomore year to review the curriculum path for the five-year program. A minimum of 138 credits is required for the dual degree.

\section*{Dance Pre-K - 12 - BA/MA}

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

The Education course of study is a 24-credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

\section*{Applying for Admission}

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

\section*{Admission Requirements}
1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 120.
4. Have no more than 6 cr . of \(\mathrm{CR} / \mathrm{NC}\) grades.
5. Formal declaration of a major in dance.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

\section*{Liberal Arts and Sciences Major Requirements}

34-credits in the Dance - BA major plus 20 additional graduate credits including the following courses - DAN 740 , DAN 742, DAN 746, DAN 701, DAN 705, DAN 730, DAN 735.

\section*{New York State Liberal Arts \& Science Distribution Requirement}

These are courses required for School of Education students. Most of these courses may also be used towards the Appendix I: Hunter Core Requirement.
- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 11300
- 9 credits in math, science and technology (must include one laboratory science course)
- 12 credits of foreign language
- One course in communication

\section*{Academic Progress Standards}
- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of \(\mathrm{D}+\) or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

\section*{Education Courses for BA/MA in Dance Education PreK-Grade 12.}
- SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)
- SEDF 20400 - Adolescent Development
- SEDC 21000 - Building the Foundations of Literacy in Grades 7-12
- SEDF 20500 - Educational Psychology: Applications in Grades 7-12
- SEDC 22000 - Adolescent Health and Safety

For graduate-level course descriptions please see the graduate catalog.
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings
- SEDF 70600: Assessment of Teaching and Learning in Adolescent Education
- DAN 70100: Physical Training (taken twice)
- DAN 70500: Maintenance of the Instrument
- DAN 73000: Studies of Forms
- DAN 73500: Performance/Presentation
- DAN 74000: Aesthetics
- DAN 74200: Dance History
- DAN 74600: Special Topics
- DANED 76000: Methods I
- DANED 76200: Methods II
- DANED 76605: Student Teaching

\section*{School of Education Exit Standards}

Students must meet the following criteria in order to graduate with a School of Education major or minor:
- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.

\section*{Economics - Accelerated BA/MA}

The Department of Economics offers promising students the opportunity to complete both the BA and MA degrees within 120 credits, 30 of which must be at the graduate level.

Students who wish to declare the BA/MA major must have a 3.0 average in Economics and in the cumulative index.

\section*{A minimum grade of \(B\) in the following, or their equivalents}

\section*{ECO 30000 - Intermediate Microeconomics}

\section*{GER}

3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.
prereq: ECO 20000, 20100, MATH 15000

3 hrs
3 cr .

\section*{ECO 32100 - Introduction to Econometrics}

\section*{GER}

3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq: ECO 22100, MATH 15000
3 hrs
3 cr .

\section*{A minimum grade of \(C\) in the following, or their equivalents}

MATH 15000 (STEM) - Calculus with Analytic Geometry I

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B \\ Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. \\ prereq: grade of C or better in MATH 12500 or appropriate score on placement exam. \\ 4 hrs \\ \(4 c r\). \\ Continuing in the program is contingent upon maintaining a 3.0 GPA in economics and the cumulative index and receiving}

\section*{A minimum grade of \(B\) in}

\section*{ECO 30100 - Intermediate Macroeconomics}

GER
3/B
Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .

\section*{An average grade of \(B\) in}

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}
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Hunter Core
Math/Quantitative Reasoning
GER
1/B

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Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{MATH 16000 - Matrix Algebra}

\section*{GER}

1/B
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

\section*{All students in the BA/MA program must complete the following, or their equivalents, as well as the courses listed above}

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

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

\section*{MATH 16000 - Matrix Algebra}

\section*{GER}

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

\section*{Additional Information}

An undergraduate major in economics is normally required. Thomas Hunter Honors Program students may be admitted without declaring an undergraduate economics major, provided that the above courses are completed. To apply, see the graduate adviser.

\section*{Honors}

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

Note: Students enrolled in the BA/MA program may substitute enrollment in ECO 798 and an MA thesis for ECO 49900 and the Honors paper.

\section*{Five-Year BA/MA Program in Environmental Studies and Adolescent Education: Earth Science (Grade 7-12)}

Students who major in Environmental Studies may also want to complete a sequence of courses that will enable them to pursue a career teaching earth science in grades 7-12. The BA/MA program in Environmental Studies and Adolescent Education: Earth Science is designed to prepare prospective teachers to serve as high-quality educator for adolescents in urban schools..

This is an accelerated program leading to a BA in Environmental Studies and an MA in Adolescent Education: Earth Science. The program is designed for highly qualified Environmental Studies majors who, during their sophomore year, decide to pursue a career in secondary school teaching. This program will ensure that these students receive all of their pedagogical and disciplinary training before entering the classroom to teach. Students who complete the 134 credit program will have satisfied the coursework requirements for teacher certification. The 18 elective credits required for the Environmental Studies degree must emphasize atmospheric systems, earth systems, water systems, or geological systems.

For students in this BA/MA program, the 18 credit elective portion of the Environmental Earth Science Concentration major must include GEOL 10200 , PGEOG 13000 (STEM) , ASTRO 10100 /ASTRO 10700 or, after spring 2011, ASTRO 10100 , and a minimum of 9 undergraduate credits selection from 200- and 300-level GEOL, PGEOG, and GTECH courses (with the exception of GTECH 20100 ), and the independent study, honors, and internship courses in each of these series.

Students interested in this program should speak to adviser in the Department of Geography during their sophomore year to review the curriculum path for the five-year program. And students should also speak to an adviser in the School of Education as soon as possible.

Admission to the School of Education is not automatic with admission to Hunter College. There is a separate admission process that involves a paper application, a writing sample, and an interview.

\section*{Required Courses}

\section*{GER}

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes.
Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
\(4 c r\).
-or-

\section*{ASTRO 10700 - Laboratory Exercises in Astronomy}

\section*{GER}

2/E

Classroom and online experimental laboratory exercises in astronomy to observe the major features of the night sky, demonstrate the physical basis of astronomical instruments, and experiment with astronomical phenomena. Only offered to students who have previously taken ASTRO 100 which is no longer offered [ASTRO \(100+\) ASTRO 107 are replaced by ASTRO 10100].
prereq or coreq: ASTRO 10000
2 hrs
1 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.
and

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ GER 2/E \\ Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. \\ Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors. \\ prereq: CHEM 10200 \\ coreq: CHEM 10400 \\ 6 hrs \\ 3 cr .
}
-or-

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D

\section*{GER}

2/E

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

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{GEOG 22600 - Environmental Conservation: Resource Management}

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

\section*{GEOL 18000 - Introduction to Oceanography}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring

\section*{GEOL 10000 - Introductory to Geology}

\author{
Hunter Core \\ Scientific World (SW) \\ \section*{GER} \\ 2/E
}

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course
provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr .
Offered fall and spring.

\section*{GEOL 10200 - Plate Tectonics and the Earth's Evolution}

\section*{GER}

2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

\section*{GEOL 20500 - Environmental Geology}

GER
3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
3 cr.

\section*{GEOL 28000 - Marine Geology}

\section*{GER}

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{PGEOG 13000 (STEM) - Weather and Climate}

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

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

\section*{PGEOG 25000 - Earth System Science I}

\section*{GER}

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

\section*{PGEOG 25100 - Earth System Science II}

GER
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

\section*{PGEOG 49000 - Honors in Environmental Studies}

Open to upper \(\mathrm{Jr} / \mathrm{Sr}\) environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.
-or-

\section*{PGEOG 49800 - Internship in Environmental Studies}

Open to qualified environmental studies majors and minors, upper \(\mathrm{Jr} / \mathrm{Sr}\) only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.
Major Electives 6-8 credits
Graduate Courses (see graduate catalog)
PGEOG 630 Science and Society 3
PGEOG 660 Challenging Concepts in Earth Science 4
PGEOG 701.63 Earth Science Today 3
GTECH 710 Introduction to GIS 3
SEDC 710 Building Foundations of Literacy 3
SEDC 713 Methods I 3
SEDC 720 Adolescent Health and Safety 1
SEDC 724 Methods II 2
SEDC 754.04 Student Teaching in Earth Sciences 5
SEDF 703 Social Foundations of Adolescent Education 3
SEDF 704 Adolescent Development 2
SEDF 705 Educational Psychology 2
SEDF 706 Assessment of Teaching and Learning

2
PGEOG or GTECH elective credits (grad) 3

\section*{Mathematics (BA/MA): Additional Required Coursework and Student Teaching}

\section*{Adolescent Education BA Course Requirements}

\section*{SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)}

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

\section*{SEDF 20400 - Adolescent Development}

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

\section*{SEDF 20500 - Educational Psychology: Applications in Grades 7-12}

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

\section*{SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12}

The principles and practices for the assessment of learning and teaching in the classroom, grades \(7-12\). Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

\section*{SEDC 21000 - Building the Foundations of Literacy in Grades 7-12}

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

\section*{SEDC 22000 - Adolescent Health and Safety}

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

\section*{SPED 30800 - Teaching Students with Special Needs in Inclusive Settings}

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

\section*{Note}

Please note that the parallel courses at the graduate level may be substituted for these undergraduate courses in the BA/MA Mathematics and the BA/MA Dance Programs.

\section*{Additional Required Coursework and Student Teaching**}
- SEDC 713 - Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science 3 cr
- SEDC 723 - Methods II: Intensive Study of Teaching Diverse Learners in Mathematics, Grades 7-12 2 cr
- SEDC 753 - Student Teaching in Mathematics, Grades 7-12 ( 60 days, 30 hrs seminar, plus workshops and conferences) 5 cr

Note(s)
** See the Graduate Catalog for these graduate course descriptions

\section*{Mathematics or Statistics and Applied Mathematics - BA/MA}

\section*{return to Mathematics BA Programs}

The BA/MA program offers promising students the opportunity to complete both the bachelor's and master's requirements with a minimum of 120 credits. Requirements are the same as those for a major in the department, plus 30 credits at the graduate level. Interested students should contact the graduate adviser for further information regarding eligibility and curriculum requirements.

\section*{Track 1: BA/MA Program in Mathematics}

Students complete the BA with a standard Mathematics Major, with 30 additional credits at the graduate level in pure mathematics approved by the departmental graduate adviser.

\section*{Track 2: BA/MA Program in Statistics and Applied Mathematics}

Students complete the BA with a standard major in statistics or mathematics, with 30 additional credits at the graduate level in applied mathematics, statistics, and computer science, approved by the departmental graduate adviser.

\title{
Mathematics Preparation for Adolescent Education (Grades 712) - BA/MA
}

\author{
return to Mathematics BA Programs
}

Students interested in secondary school teaching may pursue a combined BA/MA program in teaching. This program requires a minimum of 141 credits.

\section*{Admission Requirements for the BA/MA in Teaching}
- Completion of at least 45 credits with a GPA of 3.0.
- Completion of at least 10 credits in mathematics, including a year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent), with an average of 2.7 in these major courses.
- Admission to the The School of Education.

\section*{Degree Requirements for the BA/MA in Teaching}

The BA/MA program in the teaching of mathematics includes 47-48 credits in mathematics (in addition to the year of calculus described above) and 27 credits in teacher education courses, some of them taken at the undergraduate level and some at the graduate level. The required mathematics/statistics courses are:
- The 33 credits required for the BA in Mathematics OR the 32 credits required for the BA in Statistics.
- The following 15 graduate credits: MATH 62000, 63000, 63300, 63500 , and STAT 61200 *or 61400.
*Although students are required to take either STAT 61200 or STAT 61400, they are encouraged to take both courses.
Also required is passing a comprehensive examination in mathematics consisting of three parts covering the material in MATH 620, 630, and 633. Students may sit for the comprehensive examination only after having taken all three courses. Students who fail any part of the examination need only retake that part of the examination. A student can take any part of the comprehensive exam in mathematics twice; after that, a committee formed by the Mathematics/Statistics Chairperson and consisting of members from the Department of Mathematics and Statistics and the Department of Curriculum and Teaching will decide if the student can take the examination a third and final time.

The student should consult the The School of Education section of the graduate catalog for the sequence of teacher education courses.

\section*{Music - BA/MA}

\section*{4-Year Dual BA/MA Degree}

The department offers unusually gifted students the opportunity to obtain a master's degree in four years with a minimum of 120 credits. Requirements are the same as those for the 42 -credit BA plus those for the MA in music ( 30 credits at the graduate level; see graduate catalog). Students may be admitted to this program only after they have completed at least 60 credits of college work, including at least 29 credits in music (three semesters of music history, four semesters of music theory, and four semesters of musicianship). At least 12 credits (including six in music) must have been taken at Hunter College, and students must have a cumulative GPA of at least 3.5 with no grade of less than \(B\) in any music course. At that time, they must fulfill all requirements for entry into the MA program except completion of the BA degree. The graduate adviser must be consulted about the MA requirements.

\section*{Music Pre-K - 12-BA/MA}

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

The Education course of study is a 25 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

\section*{Applying for Admission}

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.5 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

The undergraduate music education program requires a minimum cumulative GPA of 3.5. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

\section*{Admission Requirements}
1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.5 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of \(\mathrm{CR} / \mathrm{NC}\) grades.
5. Formal declaration of a major in music.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

\section*{Liberal Arts and Sciences Major Requirements}

Requirements are the same as those for the 42 -credit Music-BA plus the following graduate-level courses: MUS 64100, MUS 64300 , MUS 64500 , MUS 64700 , MUS 64900 , MUS 65100 , MUS 72400 , MUS 75100 , MUS 75200 , MUS 77900,3 cr. Music elective chosen in consultation with graduate adviser. (For course descriptions, see graduate catalog)

See the BA/MA Music program catalog page for the music department major and audition requirements.
A minimum of 140 credits is required for this degree

\section*{Liberal Arts and Sciences Distribution Requirements}

These are courses required for School of Education students. Most of these courses may also be used toward the Common Core Requirements.
- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 6 credits of foreign language
- 12 credits in math, science, or technology with at least one science with a lab component. (A college course in calculus meets 6 credits of these requirements)

\section*{Academic Progress Standards}
- Students must maintain a GPA of at least 3.5 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of \(\mathrm{D}+\) or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.5 and an education sequence index of 3.0.
- Take and pass the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

\section*{Course of Study}

\section*{For graduate-level course descriptions please see the graduate catalog.}
- SEDF 70300 - Social Foundations of Adolescent Education
- SEDF 70400 - Adolescent Development, Grades 7-12
- SEDF 70500 - Educational Psychology: Applications to Adolescent Education
- SEDF 70600 - Assessment of Teaching and Learning in Adolescent Education
- SPED 70800 - Teaching Students with Special Needs in Inclusive Settings
- SEDC 71000 - Building the Foundations of Literacy in Adolescent Education
- SEDC 72000 - Adolescent Health and Safety
- MUSED 67700 - Methods of Teaching Instrumental Music in Grades Pre-K-12
- MUSED 67800 - Methods of Teaching Vocal and General Music in Grades Pre-K-12
- SEDC 75600 - Student Teaching in Music, Pre-K-12

\section*{School of Education Exit Standards}

Students must meet the following criteria in order to graduate with a School of Education major or minor:
- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.

\section*{Music/Music Teacher Education Pre-K-12-BA/MA}

\section*{Major Programs}

The Department of Music offers three undergraduate and two BA/MA major programs to fit individual interests and requirements. Students must take three examinations before declaring a music major:
1. Music notation, rudimentary theory, and basic aural skills. This examination is prerequisite to MUSTH 22000 (Music Theory I).

Students who do not pass it must take MUSTH 10100 (Basic Musicianship) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 A Thousand Years of Listening or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.
Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the second year of study in music theory (MUSTH 32000 and MUSTH 32100). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{5- to 6-Year Dual BA/MA Degree in Teacher Education}

Exceptionally qualified students may obtain a master's degree in teacher education in 5-6 years with a minimum of 140 credits. Requirements are the same as those for the 42 -credit BA plus requirements for the MA degree in music teacher education (see graduate catalog). Students may be admitted to this program only after they have completed at least 60 credits of college work, including at least 29 credits in music (three semesters of music history, four semesters of music theory, and four semesters of musicianship). At least 12 credits (including six in music) must have been taken at Hunter

College, and students must have a cumulative GPA of at least 3.5 with no grade of less than B in any music course. They must have passed the Music Department's piano proficiency examination and an audition-interview demonstrating reasonable mastery of an instrument or voice. In addition, they must either have passed the LAST (Liberal Arts and Sciences Test) or fulfilled the following requirements of the School of Education:
a. Completion of developmental courses;
b. Grade of B- or better in ENGL 12000 or a 200- level English course;
c. Application, on-site essay, and interview with the School of Education;
d. Proof of negative result on TB test;
e. Maximum of 6 credits taken with \(\mathrm{CR} / \mathrm{NC}\) grades, or else calculation of those grades as \(\mathrm{C} / \mathrm{F}\) for computation of grade-point average.
Admission requires the consent of both the Music Department and the School of Education. See the The School of Education section of both the undergraduate and graduate catalogs for more information.

\section*{Minor}

For 25-credit music majors, the minor consists of 12 credits in a field of study leading to a BA degree and approved by the Music Department adviser. Double-majors and students in other music major programs are exempt from the minor requirement. Minor courses can be used without limit to satisfy stages 1,2 , and 3 of the GER.

\section*{Minor for non-Majors}

For students minoring in music, the requirements are determined by the student's major department. See your major adviser. The Music Department recommends the following courses. Because 300 -level courses are intended primarily for music majors and have extensive prerequisites, students whose major departments require a 300 -level course in the minor may, with permission of their adviser, substitute a 200 -level course in the music minor.

\section*{MUSTH 10100 - Music Theory Fundamentals}

\section*{Hunter Core}

Creative Expression (CE)

\section*{GER}

2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .
or

\section*{MUSTH 22000 - Music Theory I}

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
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3cr.
offered fall

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\section*{MUSTH 23000-Musicianship I}

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr .
offered fall

\section*{MUSHL 10100-A Thousand Years of Listening}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .

\section*{MUSHL 10700 - The World of Music}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
3 hrs
3 cr .
- One course with an MU-H prefix at the 200-level
- 1-3 credits of music electives

\section*{Grading Policy}

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

\section*{Honors}

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

\section*{MUSTH 49100 - Honors Project}

Upper \(\mathrm{Jr} / \mathrm{Sr}\) only. Individual project of large scope in music history, theory, composition, or performance. prereq: minimum music GPA of 3.5, perm undergrad adviser
1 sem
3 cr .

\section*{MUSTH 49200 - Honors Project}
prereq: MUSTH 49100
1 sem
3 cr .

\section*{Physics - BA/MA}

This special program for a limited number of well qualified students leads to a bachelor of arts and a master of arts degree. Students are offered the opportunity to quickly reach a level where they are competitive for admission into any doctoral program in physics. The program requires 124-126 credits (including the 30 credits required for a physics major BA degree and 30 credits from the graduate curriculum). Because this program requires a large number of physics courses, many of which have other physics courses as prerequisites, students in this program should begin taking physics courses in their first or second semester. Students should consult with the department chair, undergraduate adviser or graduate adviser for details as early as possible.

\section*{Bachelor of Arts/Master of Science - BA/MS}

\section*{Sociology/Social Research - Accelerated BA/MS}

\section*{Five-Year BA/MS Program}

For a limited number of qualified undergraduate students, the sociology department offers an accelerated five-year program leading to a BA in sociology and an MS in social research. The program requires a total of 145 credits of college work ( 100 undergraduate, 45 graduate). To get the maximum financial benefit from the BA/MS program, students should apply before the number of cumulative credits taken (including those being taken currently) exceeds 100 credits. All credits above 120 will be charged at the graduate tuition rates. The BA/MS program is a full-time program requiring 12 graduate credits per term.

In order to be admitted to the program, students must complete their basic requirements, including their major, pass an honors course or its equivalent (cross listed graduate course, honors independent study), have an overall GPA of 3.25 and meet other requirements of the MS program as outlined in the graduate catalog except for the GRE examination. BA/MS applicants should have no more than 100 credits completed before entering the program and can apply for fall or spring admission. After consulting with the undergraduate adviser to establish eligibility, students may apply to the

Graduate Director. Applications require a cover letter/personal statement and include a copy of one's current transcript and two letters of recommendation.

Students are admitted to the BA/MS program at the end oft their junior year but must consult with the undergraduate advisor before they file the application.

\section*{Bachelor of Fine Arts - BFA}

\section*{Studio Art - BFA}

This degree is open to the student who wants to complete work in studio art beyond the 42-credit major and particularly the student who intends to pursue a career as a professional artist and attend graduate school. Students follow the regular Appendix I: Hunter Core Requirement for the BA degree. Departmental approval of the 61-credit BFA concentration is required. Students who have successfully completed 90 credits may apply to the BFA program, pending an interview with the BFA adviser. Students are required to maintain a GPA of 3.0 in this program. Required courses are as follows:

\section*{Hunter Core Requirement}

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

Major - 61-cr.

\section*{Year 16 cr}

\section*{ARTLA 10100 - Introduction to Study of Visual Experience}

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio

\section*{ARTCR 22100 - Drawing}

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \$50
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
3 cr . +5 hrs open studio

\section*{ARTH 11100 - Introduction to History of Art}
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/D

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

3 hrs
\(3 \mathrm{cr} . \mathrm{cr}\)

\section*{Year 212 cr}
four of the following six courses or 3 of the following 6 courses plus one 300 -level course:

\section*{ARTCR 22500 - Graphic Arts Workshop}

Techniques of woodcut, intaglio, lithography, silkscreen and related media.
Material Fee: \(\$ 75\)
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 23500 - Painting}

Basic principles of painting. Studio practice using varied paint media, varied paint surfaces, paper and canvas. Material Fee: \$100
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 25100-Sculpture}

Basic principles of sculpture. Studio practice in varied materials.
Material Fee: \$65
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 25700 - Ceramics}

Introduction to pottery and ceramic sculpture, including hand forming, throwing on the wheel, glazing and kiln operation.
Material Fee: \$85
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
3 cr . +5 hrs open studio

\section*{ARTCR 27100 - Principles of Photography}

Black and white photography as creative medium; camera and its functions; exposure and film development, contact printing and enlarging.
Material Fee: \$75
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
\(3 \mathrm{cr} .+6 \mathrm{hrs}\) open studio

\section*{ARTCR 29000 - Combined Media}

An introduction to basic technologies, methods and ideas that result in ways of making art that mix and combine media. The course will emphasize the production of moving images, sounds, performance as well as still images and objects.
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4 hrs + 5 hrs open studio
cr.

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\section*{Year 3}

\section*{At least one area of concentration with two 300 -level courses repeated in any one of the following: 6 cr}

\section*{ARTCR 32200 - Advanced Drawing}

Continued experience in drawing with emphasis on drawing from life.
Material Fee: \(\$ 50\)
prereq: ARTC 22100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 32600 - Advanced Graphic Arts Workshop}

Advanced study of one or more graphic art methods. Individual exploration emphasized.
Material Fee: \(\$ 75\)
prereq: ARTCR 22500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(2 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 33600 - Advanced Painting}

Continued experience in painting with possible concentration upon one medium and theme. Individual exploration emphasized.
Material Fee: \(\$ 100\)
prereq: ARTCR 23500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 35200 - Advanced Sculpture}

Continued experience in sculpture with possible concentration in one material. Individual exploration emphasized. Material Fee: \(\$ 65\)
prereq: ARTC 25100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 35700 - Advanced Ceramics}

Continued experimentation in form, surface and techniques. Individual exploration emphasized.
Material Fee: \(\$ 85\)
prereq: ARTC 25700
prereq or coreq: May be repeated once, ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5\) hrs open studio

\section*{ARTCR 37200 - Advanced Photography}

Techniques and aesthetics of black and white photography; self-expression and exploration; classroom critiques.
Material Fee: \$75
prereq: ARTC 27100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
\(3 \mathrm{cr} .+6\) hrs open studio

\section*{ARTCR 39000 - Combined Media}

Continued experience in combined media with possible concentration in one approach and/or method. Individual exploration will be emphasized. May be repeated once (i.e., taken twice).
4 hrs +5 hrs open studio
3 cr .
Additional studio art requirements: 6 cr
- Courses chosen from all other 200- and 300-level studio art courses. Special-topic advanced studio courses will also be offered each semester for advanced art students; however they do not count toward the major concentration.

Art history requirements: 15 cr

To be completed by the end of year three.

\section*{ARTH 11100 - Introduction to History of Art}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ Pluralism and Diversity \\ PD/D
}

GER
2/D

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

3 hrs
3 cr. cr

\section*{ARTH 24900 - Twentieth-Century Art I}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Western art to World War II.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 25000 - Twentieth-Century Art II}

\section*{Pluralism and Diversity}

PD/D
GER
3/A

Western art from World War II to approximately 1980.
prereq: ARTH 11100
3 hrs
3 cr .
- and six to nine additional credits chosen from 200- and 300-level courses.

\section*{ARTH 25100 - Contemporary Art}

\section*{GER}

3/B
Significant international artists and art works of the past twenty years, as well as recent developments in art theory and criticism.
prereq: ARTH 11100
3 hrs
3 cr .
Year 416 cr

\section*{ARTCR 40500 - Art and Current Ideas II}

Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions.
Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the
exhibitions.
ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: BFA students or perm dept.
3 hrs
3 cr .

\section*{ARTCR 45900 - Professional Experience in Art I}

BFA majors, seniors only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department.
Material Fee: \$50
prereq: perm BFA committee at end of junior yr.
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
\(3 \mathrm{hrs}+15 \mathrm{hrs}\) open studio
6.5 cr .

\section*{ARTCR 46000 - Professional Experience in Art II}

Continuation of ARTC 45900.
Material Fee: \(\$ 50\)
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
\(3 \mathrm{hrs}+15\) hrs open studio
6.5 cr .

\section*{Honors}

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

\section*{ARTCR 36000 - Special Projects}

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches:
Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: \(\$ 50\)
prereq: See department
3 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 40200 - Independent Study in Studio Art}

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

\section*{Graduate Study}

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

\section*{Bachelor of Music - BMus}

\section*{Music - BMus}

\section*{Foundational Courses}

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

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

\section*{Courses}

CUNY Common Core
ENGL 12000 - Expository WritingEnglish Composition (EC)

\section*{Foundational or Major}

Foundational

\section*{60-Credit Major}

This degree is designed for students planning to pursue careers as professional performers of music or as teachers of music performance. It provides intensive instruction in the student's instrument or voice; solid training in music history and theory; and a broad, liberal arts education. Admission to this program is conditional on passing an audition (preferably before the student enters college) demonstrating a high level of skill in performance. Requirements are:

\section*{Music history:}

\section*{MUSHL 20100 - Introduction to Music Research}

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

\section*{MUSHL 20500-Music History I}
```

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall

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\section*{MUSHL 20600 - Music History II (W)}

\section*{Pluralism and Diversity \\ PD/D}

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800 .
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

\section*{MUSHL 30500 - Music History III (W)}

\section*{Pluralism and Diversity}

PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present. prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr .
offered fall
and any other 3-credit MUSHL course at the 300-level

\section*{Music theory:}

\section*{MUSTH 20100 - Introduction to Music Technology}

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

\section*{MUSTH 22000 - Music Theory I}

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
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3cr.
offered fall

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\section*{MUSTH 22100 - Music Theory II}
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Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

```

\section*{MUSTH 23000 - Musicianship I}

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

\section*{MUSTH 23100 - Musicianship II}
```

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring

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\section*{MUSTH 32000 - Music Theory III}
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Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3cr.
offered fall

```

\section*{MUSTH 33000 - Musicianship III}

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
and any other 3-credit MUSTH course at the 300-level

Private lessons:

\section*{MUSPF 43100 - Individual Instruction in Instrument or Voice}
```

Limited to students in the 60 -credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr .

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\section*{Performance ensembles:}

For instrumentalists - 6 credits in instrumental ensembles

Choose 6 credits from the following:

\section*{MUSPF 23100 - Hunter Symphony}

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

\section*{MUSPF 24900 - Jazz Ensemble}

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
2 hrs
1 cr .

\section*{MUSPF 35500 - Chamber Music Workshop}

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

\section*{MUSPF 25000 - Jazz and Popular Music Combos}

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .

\section*{MUSPF 36500 - Topics in Piano Performance}

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each
semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

\section*{For singers}

6 credits in vocal ensembles

\section*{MUSPF 22100 - College Choir}

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

\section*{MUSPF 25100 - Jazz Vocal Workshop Ensemble}

Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

\section*{MUSPF 35300 - Chamber Singers}

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

\section*{MUSPF 36900 - Topics in Vocal Performance}

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .
for singers, a minimum of 2 credits must be in MUSPF 36900

\section*{Electives:}
- 4 credits in music courses above the 100 -level.

\section*{Recital:}
- A senior recital, for which no credit is given, is also required.

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{Bachelor of Science - BS}

\section*{Accounting - BS}

The degree of bachelor of science (accounting) offered at Hunter College fulfills educational requirements for the CPA examination in New York State. Candidates pursuing licensure in New York State will need to complete 150 college credits including ACC 49000 - Accounting \& Auditing Research. An appropriate masters degree, while not required, is another path to licensure. For information on the MS in Accounting at Hunter College, see the Hunter College Graduate Catalog.

All students contemplating a career in accounting should request an interview with the accounting program adviser during the lower freshman term. To assure completion of the BS (accounting) degree within four years, a full-time student should begin the accounting major sequence in the upper freshman term, if possible, and no later than the lower sophomore term, by registering for ACC 27100.

\section*{Hunter Core Requirement}

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

In the case of the accounting major, the courses that meet CCC are:
\begin{tabular}{ll} 
Course & CUNY Common Core \\
MATH 12500 (STEM) & Math/Quantitative Reasoning \\
MATH 15000 (STEM) & Math/Quantitative Reasoning \\
ECO 20000 & Scientific World \\
ECO 20100 & Individual and Society
\end{tabular}

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

\section*{Foundational Courses (0-7 credits)}

\section*{MATH 10100 - Algebra for College Students}

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr .
(depending on results of Math placement exam) (3 credits)

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.
(depending on results of Math placement exam) (4 credits)

\section*{Major}

The Department of Economics offers a major leading to the BS in accounting, requiring a minimum of 34 credits of accounting, 33 credits of other professional studies and an additional 7 credits of Allied required courses. Details are outlined below.

\section*{Grade Options}

Students enrolled in the BS (accounting) curriculum may not use CR/NC grades for the 34 accounting credits in the accounting major.

\section*{Progression in the Major}

Students who have not completed the prerequisites with a grade of C, CR or better will not be allowed to register for the course for which the prerequisites are required. ECO 22100 is required for the major and must be completed with a grade of C, CR or better to be accepted for credit toward fulfillment of the major.

\section*{Allied Required Courses (7 credits)}

\section*{ECO 20100 - Principles of Macroeconomics}

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

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course

3 hrs
3 cr .

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

\section*{Professional Studies (67 cr)}

Accounting (34 cr)

\section*{ACC 27100-Accounting I}

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr.

\section*{ACC 27200-Accounting II}

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.
efffective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr .

\section*{ACC 37100 - Intermediate Accounting I}

In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
3 cr.

\section*{ACC 37200 - Intermediate Accounting II}

Revenue recognition; accounting for equities, income taxes, pensions, leases, price level changes.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better.
3 hrs
3 cr .

\section*{ACC 37300 - Federal Income Taxation}

Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100, all with a grade of C or better
3 hrs ,
3 cr .

\section*{ACC 37400 - Managerial Accounting (Cost Accounting)}

Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better
3 hrs
3 cr .

\section*{ACC 47100 - Advanced Accounting I}

Accounting for branches and business combinations. Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr.

\section*{ACC 47200-Advanced Accounting II}

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy. effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .

\section*{ACC 47300 - Business Taxes}

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 and ACC 37300 all with a grade of C or better 3 hrs
3 cr.

\section*{ACC 47500 - Auditing}

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better prereq or coreq: ACC 47100 with a grade of C or better
4 hrs
4 cr.

\section*{ACC 49000 - Accounting \& Auditing Research}

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.
prereq: ECO 22100
prereq or coreq: ACC 47500
3 hrs
3 cr .

\section*{Additional Information}

An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in these 34 credits. Students who receive a grade of "D" or lower in any of the eleven required Accounting courses in the Professional Studies Requirement will be allowed to repeat the course only once. In total, students may repeat no more than three Accounting courses for which they received a grade of "D" or lower. Students who exceed this allowed number of course repeats will be dismissed from the BS program in Accounting. The Academic Adviser for the BS program in Accounting may, under extraordinary circumstances, make exceptions to this rule.

\section*{Other Professional Studies (33 cr)}

\section*{Business Law (6 cr)}

\section*{ACC 28000 - Business Law I}

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code. prereq: sophomore standing or perm chair
3 hrs
3 cr .

\section*{ACC 38000 - Business Law II}

Legal aspects of business organizations; agency, partnership and corporate relationships.
prereq: ACC 28000
3 hrs
3 cr .

\section*{Statistics (3 cr)}

\section*{ECO 22100-Economic Statistics}

\author{
Hunter Core \\ Mathematics and Quantitative Reasoning \\ \section*{GER} \\ 1/B
}

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course

3 hrs
3 cr .
note: For students already at or beyond this point when they become majors, the course should be taken within the first \(\mathbf{1 2}\) credits following declaration of the major.

Finance (6 cr)

Select two of the following courses:

\section*{ECO 21000 - Money and Banking}

\section*{GER}

3/B

Monetary and banking principles and practice; current issues; theory and policy.
prereq: ECO 20000, 20100
3 hrs
3 cr .

ECO 36500 - Corporate Finance
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Pluralism and Diversity
GER 3/B
GER
GER 3/B
Analysis of corporate investment and financing decisions. prereq: ECO 20000 and either ECO 22100 or STAT 21300
3 hrs
3 cr .

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ECO 36600-Security and Investment Analysis

\section*{GER}

GER 3/B

Operation of the stock market; security analysis and evaluation; economic variables influencing security values.
prereq: ECO 36500
3 hrs
3 cr .

ACC 36700 - Analysis of Financial Statements

GER
GER 3/B

Analysis, interpretation, and use of financial statements.
note: This course does not count as an elective towards the Economics major.
prereq: ECO 37200 and ECO 36500 or adviser's permission

3 hrs
3 cr .

\section*{Business Core-Required (6 cr)}

\section*{ECO 20000 - Principles of Microeconomics}

\section*{Hunter Core}

Scientific World (SW)
GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr.
- One course in computer science
note: ACC 47600 - Computer Accounting Systems is strongly recommended.

\section*{Business elective ( 12 cr )}

Choose four courses from the following:

\section*{ECO 26000 - Business Organization and Management}

\section*{GER}

3/B

The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.
prereq: ECO 20000
3 hrs
3 cr.
- Any 300- or 400-level ACC or ECO courses (ACC 48000 is strongly recommended)

\section*{Additional Information}

Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work. For students already at or beyond this point when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the major requirement of MATH 15000 and/or ECO 22100 upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

\section*{Total Credits 74}

Total major credits required 67

\section*{Allied Required Courses 7}

\section*{(Additional foundational courses 0-7 credits, depending on Math placement)}

\section*{Minor in Accounting}

A Minor in Accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

\section*{Interdepartmental Fields}

Students may take courses in economics as part of an interdepartmental program of study in Latin American and Caribbean studies, environmental studies (geography), women's and gender studies and Jewish studies. Listings in each area discuss recommended courses.

\section*{Internships}

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

\section*{Honors}

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

\section*{ECO 49900 - Honors Project}
\(\mathrm{Jr} / \mathrm{Sr}\) only. Supervised individual research and directed reading. Honors essay.
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5
GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr .

\section*{Community Health - BS}

\section*{Community Health}

\section*{Program Director: Philip Alcabes, PhD}
palcabes@hunter.cuny.edu

\section*{Community Health Program Description:}
*Why are children in East Harlem hospitalized for asthma at twice the rate elsewhere in NYC? How can we assess if gun violence is a health priority for members of our community and ensure their expertise informs local public health efforts? How can social media be leveraged to reduce sexually transmitted infections?*

Students in the Community Health program will develop the skills needed to be able to effectively answer these types of public health questions through a social justice lens. Community health professionals work to improve the health and wellbeing of entire communities. While clinical health professionals might treat an elderly diabetic patient, a community health professional will work to understand and reduce a community's elevated risk for diabetes. At Hunter College, students in the Bachelor of Science program in Community Health will learn to analyze how both social structures (including poverty, racism and environmental exposures) and behavioral choices shape a community's health. They will take courses in health disparities, epidemiology, public health biology, and community health assessment to develop their analytic skills and courses in health communications and social media to learn tools for addressing public health problems. Fieldwork experience and a research seminar give students the opportunity to apply what they have learned in a real-world setting on a community health topic of their choosing. This program is designed to prepare students for work in community-based and human rights organizations, family planning clinics, mental health centers, homeless shelters, research centers, media organizations, as well as in city, state and national health departments. This is a competitive, 51-credit major, taken after 60 credits are completed of undergraduate study (see pre-requisites \& application information below).

\section*{Admission Requirements}

Admission into the COMHE major is competitive and students enter in the Fall semester only (no Spring admission). Students may apply during the semester that they are completing prerequisites for the program. All applicants, including current Hunter College students, must apply for admission to the program. The prerequisites for admission into the COMHE major are:
1. Completion of 60 credits at the time of admission (courses can still be in progress the spring and summer after applying and before entering that fall)
2. A combined GPA of 3.0 from all postsecondary institutions attended
3. Submission of a 500 word essay, in the supplemental application
4. At least a grade of " C " in the prerequisite courses listed below
5. Completion of the following courses:
- English Composition (ENGL 12000 ) -3 cr.
- Intro level statistics (STAT 11300 or STAT 21300 (STEM)), PSYCH 24800, SOC 24100 , ECO 22100 or equivalent) - 3 cr.
- Any lab science in the Natural Sciences (Preferred: ANTHP 10100 (STEM); BIOL 10000 (STEM) , BIOL 10200 (STEM) or BIOL 12500 (STEM) or BIOL 15000 (STEM) -4 to 4.5 cr .
- Intro to Sociology (SOC 10100 )- 3 cr.
- Intro level Psychology OR Anthropology PSYCH 10000, PSYCH 15000, ANTHC 10100 -3 cr
- Any upper level course (at least 200 level) in the social sciences (e.g., anthropology (ANTHC), community health, psychology, sociology or urban studies, women and gender studies, or human rights. (Note: The statistics prerequisite or SOC 30100 Medical Sociology cannot meet this requirement.) -3 cr .
For details on admissions process, see http://www.hunter.cuny.edu/communityhealth/admissions-info

\section*{Hunter Core Requirement}

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

\section*{Community Health Major Curriculum Requirements (51 crs.)}

\section*{SOC 30100 - Medical Sociology}

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.
prereq: SOC 10100
3 hrs
3 cr .

\section*{COMHE 30100 - Introduction to Community and Public Health}

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on communities - geographic, identity-based, or virtual, as the focus for research and intervention.
prereq: acceptance to the COMHE major, or permission of the instructor.
3 hrs
3 cr .

COMHE 30200 - Principles of Health Promotion

Introduction to community health methods; presentation skills, learning theories.
prereq: acceptance to the COMHE major, or permission of instructor
3 hrs
3 cr .

\section*{COMHE 30300 - Social Structure and Health (W)}

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 30400 - Introduction to Health Communication Theory and Practice}

An introduction to the field of health communication with a particular emphasis on theoretical constructs, case studies and U.S. and international practical models and applications. Highlights the multidisciplinary and multifaceted nature of health communication and its contribution to the achievement of behavioral, social and organizational objectives as one of the keys to public health interventions.
prereq: acceptance to the COMHE major, or permission of the instructor

3 hrs
3 cr .

\section*{COMHE 30600-Social Disparities in Health}

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities. prereq: acceptance to the COMHE major or permission of the instructor.

3 hrs
3 cr.

\section*{COMHE 32500 - Environmental Public Health}

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr.

\section*{COMHE 32800 - Public Health Biology}

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 33000-Principles of Epidemiology}

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .

\section*{COMHE 40500 - Health Care Systems and Health Policy}

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.
prereq: Acceptance to the COMHE major or permission of the instructor.
3 hrs
3 cr .

\section*{COMHE 40800 - Digital Media and Health}

An introduction to key technological advances and current use of new media (Internet and other digital media, mobile technology, etc.) to communicate about health issues as part of broad community based public health and health
communication interventions. It also provides students with practical skills in creating media for health promotion. prereq: Acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr.

\section*{COMHE 41100 - Community Health Assessment}

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr.

\section*{COMHE 41200 - Directed Fieldwork Practicum}

200 hours summer internship to gain experience in community health setting, culminating in production of e-portfolio. prereq: acceptance to the COMHE major or permission of instructor
3 hrs
3 cr.

\section*{COMHE 41300 - Research Symposium}

Overview of quantitative and qualitative research methods and issues in study design and analysis.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr.

\section*{NFS 14100 - Nutrition}

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.
- Two electives (300 or 400 level) in COMHE, SOC or ANTHC; or NFS \(13100-3\) cr. each

\section*{Medical Laboratory Sciences - BS}

\section*{Medical Laboratory Sciences-BS}

Department Chair:

Steven Einheber
Brookdale Campus West 700A
(212) 481-4442, 4502

E-mail: seinhebe@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/mls

HEGIS Code: 1223

\section*{Curricula for the Bachelor of Science Degree}

The Department of Medical Laboratory Sciences (MLS) offers two majors: (1)Medical Laboratory Sciences: Clinical Science BS and 2) Medical Laboratory Sciences: Biomedical Science BS. The Clinical Science major is intended for students pursuing careers in the diagnostic laboratory and meets the requirements for NY State licensure of clinical laboratory technologists. The Biomedical Science major is appropriate for students seeking other careers or graduate education in the biomedical field.

\section*{Professional Outcomes}

Entry-Level Positions Students completing the MLS degree are prepared for positions in a variety of settings. These include clinical (medical) technologists in diagnostic laboratories in hospitals and commercial environments, and research assistants in medical center and university labs, pharmaceutical and biotechnology companies and public health laboratories. Personnel shortages are severe in several of these areas, and opportunities are predicted to grow. The Monthly Labor Review projects a growth rate of \(20.6 \%\) for clinical laboratory positions from 2008 to 2018.

The passage of the Clinical Laboratory Technology Practice Act in 2005 created a transparent professional pathway defining the education, experience and examination to qualify as a clinical technologist in New York State. http://www.op.nysed.gov/prof/clt/clplaw.htm. The course of study in the Medical Laboratory Sciences: Clinical Science major fulfills the educational and practice components for licensure. It is expected that status as licensed professionals will help to alleviate shortages in the field.

\section*{Further Education}

MLS students are encouraged to plan for postbaccalaureate education, and are guided to complete prerequisites. MLS alumni have been successful in medical and dental school, graduate programs in biomedical science (master's and PhD ), management and clinical specialties (PA, forensic science, etc.) and advanced laboratory diagnostics such as cytotechnology.

\section*{Opportunities for Pre-Professional Experience}

Professional Practice Qualified students planning for careers in the diagnostic lab enroll in MLS 41000 to fulfill the practical experience requirement of the clinical technologist license. Students are assigned to hospital, reference or public health labs for summer or semester-long internship experience in an area consistent with their interests.

\section*{Biotechnology BS/MA}

Qualified seniors may apply to the BS/MA in Medical Laboratory Sciences with Specialization in Biotechnology.The accelerated BS/MA is a collaboration between MLS and the Department of Biological Sciences. An intensive techniques workshop (BIOL 41000) is taken prior to graduation and upon successful completion, students may continue with professional internship and the MA program, allowing MLS graduates to complete the degree at an accelerated pace.

\section*{Student Research}

Qualified students are encouraged to participate in faculty research projects through independent study and honors courses in such areas as innate immune regulation, bacteriophage, microbial pathogenesis, antimicrobials, gastric secretion and cancer, glutamate receptors in neurological diseases and cancer, and myelination in the peripheral and central nervous systems.

\section*{Academic Advising}

MLS majors meet each semester with a faculty adviser to review progress and plan the next semester's program. The adviser helps students pace their studies appropriately. Counseling for graduate school, employment and reference support is ongoing for our alumni. A strong professional network exists among MLS alumni.

\section*{Admission Requirements}

The requirements for consideration for admission to Medical Laboratory Sciences - BS programs are as follows:
Completion of 60 credits before enrolling in MLS, including: 1 year general chemistry with lab (CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), or equiv) 1 year general biology with lab (BIOL 10000 (STEM), BIOL 10200 (STEM), or equiv) and overall GPA of at least 2.5. Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisers welcome e-mail inquiries anytime. To apply both current Hunter College students and transfer students must complete a Transfer Application with the CUNY University Application Processing Center. Visit http://www.hunter.cuny.edu/prospectivestudents/ug_students/transfer.shtml and select On-Line Application from the choices. Be sure to select "Medical Laboratory Sciences" at Hunter College as the choice of curriculum. Use CUNY curriculum code 0344 when applying. Admissions take place on a rolling basis so students should apply as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their Hunter Core Requirement (HCR) Appendix I: Hunter Core Requirement which includes the CUNY Common Core, the Hunter Focus on foreign language and the concurrent Rrequirements before entering the program, but liberal arts classes can be interspersed with major courses.

Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Lab Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Course of Study Candidates for the BS degree complete a total of 120 credits including the Hunter Core Requirement. See requirements for the two undergraduate majors offered in MLS (1)Medical Laboratory Sciences: Clinical Science BS and 2) Medical Laboratory Sciences: Biomedical Science BS.

Scholastic Requirements Student grades are reviewed each semester to determine eligibility for remaining in the program. Each student must maintain an overall GPA of 2.0 for each semester and a grade of C or better in each major course. Major courses must be taken for letter grades except, at the discretion of the chair, for clinic, field or independent study. Departmental permission is required in order to register for courses. Faculty advisers authorize course permissions during the pre-registration and registration periods.

\section*{Medical Laboratory Sciences: Biomedical Science BS}

Go to Medical Laboratory Sciences - BS
The Medical Laboratory Sciences (MLS): Biomedical Science major prepares students for careers in biomedical laboratories and other health-related professions. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into the following categories:
1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Biomedical Science major is appropriate for students seeking graduate education in biomedical or health-related fields. This major does not meet the requirements for NY State licensure of clinical laboratory technologists. For the licensure-qualifying program, please see the Medical Laboratory Sciences: Clinical Science BS major.

The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site for more detail.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and
evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .
* these courses are prereqs to CHEM 10200 (STEM).

\section*{Hunter Core Requirement}

Several courses leading to (Foundational - see above) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major in Medical Laboratory Sciences: Biomedical Science (120 cr.)}

\section*{Allied Courses (22 cr.)}

\section*{CHEM 10200 (STEM) - General Chemistry I}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

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

Primarily for premed, medical laboratory sciences and science majors. prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair 5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity

GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

\section*{CHEM 22200-Organic Chemistry Lecture I}

GER
GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{CHEM 22300-Organic Chemistry Laboratory I}

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\section*{Hunter Core}

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

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.

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

\section*{Med Lab Sciences: Biomedical Science Curriculum (42 cr.)}

\section*{MLS 30000 - Fundamental Concepts and Techniques in the Medical Laboratory}

\author{
Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment. \\ MLS 60000 is the graduate component of this course \\ prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv. \\ 3 hrs (2 lec, 1 lab) \\ 3 cr .
}

\section*{MLS 31200 - Human Physiology: Integration and Control}

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr .

\section*{MLS 34700 - Human Histology}

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.
coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr .

\section*{MLS 34900 - Hematology}

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

\section*{MLS 35100 - Clinical Microbiology I}

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr.

\section*{MLS 35200-Clinical Microbiology II}

Continuation of MLS 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLS 30000, 35100 or equiv.

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

\section*{MLS 35400 - Clinical Biochemistry I: Biomolecules \& Metabolism}

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr.

\section*{MLS 35500 - Clinical Biochemistry II: Genes to Proteins}

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLS 35400
5 hrs (2 lec, 3 lab)
3.5 cr .

\section*{MLS 36100 - Computers and Data Processing in the Medical Laboratory}

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr .

\section*{MLS 45000 - Cell and Tissue Culture}

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr.

\section*{MLS 45700 - Senior Seminar}

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.
prereq: perm instr.
2 hrs
3 cr .

\section*{MLS 46000 - Immunology}

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400

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

\section*{COMHE 33000-Principles of Epidemiology}

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr.
-or-

\section*{PHILO 25400 - Ethical Issues in Biology and Medical Care (W)}

GER
3/B
Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

\section*{SOC 30100 - Medical Sociology}

GER
3/B
Social and cultural factors related to health. Organization of health care services, social structure of the hospital.
prereq: SOC 10100
3 hrs
3 cr.
-or-

\section*{MLS 40000 - Topics in Biomedical Sciences}

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.
Electives (5-6 cr.)

\section*{MLS 40000 - Topics in Biomedical Sciences}

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.
MLS 48001-48003 - Independent Study
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prereq or coreq: departmental permission
1-3

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\section*{MLS 49000 - Honors}
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prereq: departmental permission

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hrs TBA
3 cr .

\section*{CHEM 22400 - Organic Chemistry Lecture II}
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GER
GER 3/B

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Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
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prereq: CHEM 22200 with a grade of C or better

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

\section*{CHEM 22500-Organic Chemistry Laboratory II}

\section*{GER}

3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}
Hunter Core
Math/Quantitative Reasoning
GER
1/B

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

\section*{STAT 11300 - Elementary Probability and Statistics}
Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

\title{
Medical Laboratory Sciences: Clinical Science BS
}

\author{
Go to Medical Laboratory Sciences - BS
}

Medical Laboratory Sciences (MLS): Clinical Science is a pre-professional major, preparing students for careers in laboratories devoted to promoting, maintaining and restoring human health. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into
the following categories:
1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses
4. pre-professional practice

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Clinical Science major is intended for, but not limited to, students pursuing careers in the diagnostic laboratory and is designed to meet the requirements for NY State licensure of clinical laboratory technologists.

The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site : http://www.hunter.cuny.edu/mls for more detail.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics
or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior, ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .
* these courses are prereqs to CHEM 10200 (STEM)

\section*{Hunter Core Requirement}

Several courses leading to (Foundational - see above) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement.

\section*{Major in Medical Laboratory Sciences: Clinical Science}

\section*{Allied Courses (22 cr.)}

\section*{CHEM 10200 (STEM) - General Chemistry I}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.

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

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

\section*{CHEM 22200 - Organic Chemistry Lecture I}

GER
GER 3/B

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

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{CHEM 22300 - Organic Chemistry Laboratory I}

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10500 or CHEM 10600

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prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

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

\section*{GER}

2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{Med Lab Sciences: Clinical Science Curriculum (48 cr.)}

\section*{MLS 30000 - Fundamental Concepts and Techniques in the Medical Laboratory}

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment. MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr .

\section*{MLS 31200 - Human Physiology: Integration and Control}

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr .

\section*{MLS 34700 - Human Histology}

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology. coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr .

\section*{MLS 34900 - Hematology}

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr.

\section*{MLS 35100 - Clinical Microbiology I}

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

\section*{MLS 35200 - Clinical Microbiology II}

Continuation of MLS 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLS 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr .

\section*{MLS 35400 - Clinical Biochemistry I: Biomolecules \& Metabolism}

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr .

\section*{MLS 35500 - Clinical Biochemistry II: Genes to Proteins}

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLS 35400
5 hrs (2 lec, 3 lab)
3.5 cr .

\section*{MLS 36100 - Computers and Data Processing in the Medical Laboratory}

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr .

\section*{MLS 41000 - Professional Practice}

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.
prereq: departmental permission

8 weeks
3 cr .

\section*{MLS 43000 - Immunohematology}

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.
prereq: MLS 34900
3 hrs (2 lec, 1 lab)
3 cr.

\section*{MLS 45000 - Cell and Tissue Culture}

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr.

\section*{MLS 45700 - Senior Seminar}

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science. prereq: perm instr.
2 hrs
3 cr .

\section*{MLS 46000 - Immunology}

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.

COMHE 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .
-or-
PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
-or-

\section*{SOC 30100 - Medical Sociology}

\section*{GER \\ 3/B}

Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr.
-or-

\section*{MLS 40000 - Topics in Biomedical Sciences}

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.

\section*{Nursing Accelerated 2nd Degree Program}

This program is designed for students who have a baccalaureate degree in another field and wish to transition into a career in nursing. The program is intensive; students receive a Bachelor of Science degree with a major in Nursing in 18 months provided they have met all general education requirements. The Accelerated 2nd Degree Program is a fulltime program that includes weekends, daytime and evening classes.

\section*{Requirements for Admission}

In order to be considered for admission into the Accelerated 2nd Degree Program, applicants must meet eligibility requirements and admission criteria. All students applying to the Accelerated 2nd Degree Nursing Program must have a baccalaureate degree from an accredited institution with a minimum cumulative GPA of 3.2 and a minimum grade of " B " in all science courses by June 1 preceding their entrance into the program. Students who do not meet GPA and degree requirements are not eligible to take the National League for Nursing Pre-admission-RN Examination and are not eligible to apply for admission into the program.

Students may take their last two prerequisite courses during the spring semester of the admission process. Prerequisite courses must be taken for a grade: courses taken on a credit/no credit (CR/NC) basis will not be accepted. Students may not take prerequisite courses during the summer immediately preceding the fall entry into the program. Proof of successful completion of courses taken in the spring must be received by the School of Nursing by June 1. Because admissions decisions are made before the spring term ends, applicants with pending grades will be conditionally accepted until receipt of final grades.

Acceptance into the nursing major is based on the following admission criteria: composite admission score (GPA plus score on NLN Pre-Admission-RN Examination) and completion of all admission requirements. The composite scores
are rank ordered from the highest to the lowest, and admission decisions are given to those applicants with the highest scores.

\section*{Requirements for the Degree:}

69 non-nursing and 51 nursing credits

\section*{Suggested Sequences of Courses:}

\section*{First Semester (Fall)}

\section*{NURS 20000 - Introduction to Nursing}

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

\section*{NURS 21000 - Nursing Fundamentals and Health Assessment}

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.
prereq: CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 20000; NURS 24000;
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr.

\section*{NURS 22000 - Adult Health and IIIness}

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical

4 cr.

\section*{NURS 33100 - Pharmacology I}

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .

\section*{Second Semester (Winter)}

\section*{NURS 33900 - Pharmacology II}

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000
45 hrs. lecture
3 hrs .
Third Semester (Spring)

\section*{NURS 34300 - Pathophysiology and Nursing Care}

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr.

\section*{NURS 35200 - Nursing Care of Women and Childbearing Families}

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in
the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
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prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, }90\mathrm{ hrs. Clinical
4 cr.

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\section*{NURS 36000 - Nursing Care of Infants, Children, and Adolescents}

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical

4 cr.

\section*{NURS 38000 - Nursing Research and Theory}

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

\section*{Fourth Semester (Summer)}

\section*{NURS 45500 - Public Health Nursing}

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr .

\section*{NURS 46000 - Mental and Behavioral Health Nursing}

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

\section*{Fifth Semester (Fall)}

\section*{NURS 42000 - Nursing Leadership and Ethics}

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr .

\section*{NURS 47000 - Adult Acute IIIness/ Immersion Clinical}

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr.

\section*{NURS 49000-Gerontological Nursing}

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr .

\section*{NURS 49200 - Advanced Synthesis of Nursing Knowledge}

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab

2 cr.
**clinical courses running same semester as generic
*** clinical courses running separate from generic

\section*{Accelerated 2nd Degree Program:}

\section*{NURS 20000 - Introduction to Nursing}

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

\section*{NURS 21000 - Nursing Fundamentals and Health Assessment}

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr.

\section*{NURS 22000 - Adult Health and IIIness}

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical

4 cr .

\section*{NURS 33100 - Pharmacology I}

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .

\section*{NURS 33900 - Pharmacology II}

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000
45 hrs. lecture
3 hrs .

\section*{NURS 34300 - Pathophysiology and Nursing Care}

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

\section*{NURS 35200 - Nursing Care of Women and Childbearing Families}

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

\section*{NURS 36000 - Nursing Care of Infants, Children, and Adolescents}

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical

4 cr.

\section*{NURS 38000 - Nursing Research and Theory}

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
\(3 c r\).

\section*{NURS 42000 - Nursing Leadership and Ethics}

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in
advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr.

\section*{NURS 45500 - Public Health Nursing}

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

\section*{NURS 46000 - Mental and Behavioral Health Nursing}

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

\section*{NURS 47000 - Adult Acute IIIness/ Immersion Clinical}

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr.

\section*{NURS 49000 - Gerontological Nursing}

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health.

Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

\section*{NURS 49200 - Advanced Synthesis of Nursing Knowledge}

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs : Lab

2 cr .
Total Accelerated 2nd Degree Program Credits: 51

\section*{Nursing Course Listing}

Return to Hunter-Bellevue School of Nursing
Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of " \(C\) " in all required nursing courses. Only one failed required nursing course is repeatable only once by students who have received a "D" or less. Students who fail a second required nursing course in the sequence may not repeat that course and may not continue in the major. This policy applies even though a grade appeal is in progress.

\section*{Generic Pathway Courses}

\author{
Nursing Generic Program
}

\section*{NURS 20000 - Introduction to Nursing}

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000

\section*{NURS 33100 - Pharmacology I}

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .

\section*{NURS 33200-Normal and Therapeutic Nutrition in the Nursing Process}

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
prereq: NURS 22000
30 hrs
2 cr .

\section*{NURS 38000 - Nursing Research and Theory}

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

\section*{Accelerated Second Degree Pathway Courses}

Nursing Accelerated 2nd Degree Program

\section*{NURS 20000 - Introduction to Nursing}

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

\section*{NURS 33100 - Pharmacology I}

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .

\section*{NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process}

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
prereq: NURS 22000
30 hrs
2 cr .

\section*{NURS 34300 - Pathophysiology and Nursing Care}

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr.

\section*{NURS 38000 - Nursing Research and Theory}

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000

RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

\section*{NURS 42000 - Nursing Leadership and Ethics}

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr .

\section*{RN Pathway Courses}

\section*{Nursing RN Program}

\section*{NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System}

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.
Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

\section*{NURS 38000 - Nursing Research and Theory}

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

\section*{NURS 38100 - Health Assessment Throughout the Lifespan}

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.

Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr .

\section*{NURS 38400 - Nursing Culturally Diverse Families}

\begin{abstract}
Pluralism and Diversity
PD/B
Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr .
\end{abstract}

\section*{NURS 48000 - Promotion of Wellness in the Community}

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
\(4 c r\).

\section*{NURS 48200 - Advancement of Roles and Relationships in Professional Nursing}

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr.

\section*{Nursing Electives}

\section*{NURS 34000 - Women's Health}

\begin{abstract}
Pluralism and Diversity
PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.
\end{abstract}

3 hrs
3 cr .

\section*{NURS 34200 - Ethical Issues in Nursing Practice}

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
\(3 c r\).

\section*{NURS 34300 - Pathophysiology and Nursing Care}

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr.

\section*{NURS 34500 - HIVIAIDS: An Interdisciplinary Perspective for Health Care Providers}

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.
3 hrs
3 cr.

\section*{NURS 34600 - Death and Dying}

Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3 cr .
NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.
NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr .
NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.
Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr.

\section*{NURS 39998 - Urban Disaster Response and the Health Care Team}

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
3 cr .

\section*{NURS 44000 - Stress Management for Nurses}

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
3 cr .

\section*{NURS 44100 - Selected Studies in Nursing Research}

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr .

\section*{NURS 44200 - Nursing Care of Acute and Critically III Clients}

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr .

\section*{NURS 44500 - Teaching-Learning Across the Developmental and Health Continua}

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr .

\section*{NURS 45000 - Computer Concepts and Application in Nursing}

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
3 cr .

\section*{NURS 48300 - Politics of Health}

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr .

\section*{Leave of Absence Policy and Reserved Placement in a Clinical Course}

A reserved placement in a clinical/field course will be held for the student for only one year from the date of the leave of absence. The School of Nursing cannot guarantee the placement for any longer period of time. It is the responsibility of the student to submit to the undergraduate program director a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

\section*{Nursing Generic Program}

The Hunter-Bellevue School of Nursing undergraduate program of study combines liberal arts and professional nursing education with a humanistic and comprehensive approach to health care, leading to a Bachelor of Science degree with a major in Nursing. At the completion of this generic program, students are eligible to take the National Council of State Boards Licensing Examination for RNs (NCLEX-RN). The undergraduate program also provides a foundation for graduate study. The Generic Program consists of two parts:
- Non-nursing (liberal arts and core requirements)
- Nursing (professional nursing education)

Students are considered for admission to the school of nursing for the fall semester only, after completing non-nursing pre-requisite courses and an application. Only students admitted to the School of Nursing are permitted to declare nursing as their major. Students admitted to the School of Nursing are required to attend the program on a full-time basis.

\section*{Requirements for Admission to Nursing Program}

All students applying to the Generic Nursing Program must have a college GPA of 3.2 or above by the end of the fall semester preceding spring application.
- Courses taken prior to clinical nursing courses may not be taken on a Credit/No Credit basis.
- Prerequisite courses with a minimum GPA of 3.2 and a minimum grade of " B " in statistics and all science courses:
- General Chemistry with lab (CHEM 10000 /CHEM 10100) or higher equivalent course
- Organic Chemistry with lab (CHEM 12000 /CHEM 12100) or higher equivalent course
- Introduction to Statistics (STAT 11300) or higher equivalent course
- History (HIST 15100, HIST 15200 or POLSC 11000)
- English Composition (ENGL 12000 and ENGL 22000)
- General Psychology (PSYCH 10000)
- Human Development (Developmental Psychology of the Life Span; PSYCH 15000)
- Students enrolled in prerequisite courses during the spring semester of application must provide proof of a minimum cumulative GPA of 3.2 and a minimum grade of " B " in all science courses no later than June 1st in order to receive final acceptance to the nursing major.
- A career goal statement will be required.
- Complete the NLN RN Pre-Admission exam (referred to as the NLN PAX exam) which is administered in February at Hunter College Testing Center (150N)

\section*{Non-Nursing Program Requirement}

For CUNY Common Core-Required Core \& CUNY Common Core-Flexible Core go to Appendix I: Hunter Core Requirement

\section*{Nursing Program Requirements}

Requirements for the Degree:
60 non-nursing and 60 nursing credits

\section*{Allied Courses:}

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr.
spring only
Humanities:

\section*{BIOL 23000 - Fundamentals of Microbiology}

GER
3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

\section*{NURS 20000 - Introduction to Nursing}

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

\section*{NURS 21000 - Nursing Fundamentals and Health Assessment}

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.
prereq: CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 20000; NURS 24000;
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr .

\section*{NURS 22000 - Adult Health and IIIness}

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical

4 cr .

\section*{NURS 24000 - Foundations of Genetics for Nurses}

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.
For RN to BS students only.
Fully online/hybrid.
prereq: CHEM 10000/10100; STAT 11300
coreq: NURS 20000; NURS 21000

30 hrs. lecture
2 cr.

\section*{NURS 33100 - Pharmacology I}

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr.

\section*{NURS 33200-Normal and Therapeutic Nutrition in the Nursing Process}

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
prereq: NURS 22000
30 hrs
2 cr .

\section*{NURS 33900 - Pharmacology II}

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000
45 hrs. lecture
3 hrs.

\section*{NURS 34300 - Pathophysiology and Nursing Care}

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr.

\section*{NURS 34900 - Foundations of Ethics and End-of-Life Care}

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "ELNEC Trained."
prereq: NURS 22000, NURS 24000, NURS 38000
coreq: NURS 34300; NURS 36000
45 hrs. lecture
3 hrs.

\section*{NURS 35200 - Nursing Care of Women and Childbearing Families}

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

\section*{NURS 36000 - Nursing Care of Infants, Children, and Adolescents}

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical

4 cr .

\section*{NURS 38000-Nursing Research and Theory}

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None

3 hrs
3 cr .

\section*{NURS 42200 - Health Policy and Leadership}

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
45 hrs: Lecture
3 cr .

\section*{NURS 45500 - Public Health Nursing}

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr .

\section*{NURS 46000-Mental and Behavioral Health Nursing}

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr .

\section*{NURS 47000 - Adult Acute Illness/ Immersion Clinical}

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200

\section*{NURS 49000-Gerontological Nursing}

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

\section*{NURS 49200 - Advanced Synthesis of Nursing Knowledge}

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab

2 cr.
Nursing Elective 2 cr .
P\&D: 6 cr.
Total Credits for Degree: 120 cr .

\section*{Repeating a Course}

Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of "C" in all required nursing courses. Students who receive a grade of " \(D\) " or lower, or who fail any segment of a clinical nursing course or lab will be allowed to repeat the course or segment only once. Students who fail a second required nursing course or clinical lab/segment will be dismissed from the nursing program. This policy applies even if a grade appeal is in progress. Students who fail the clinical portion of a course will receive an " \(F\) " for the entire course, regardless of the corresponding theory grade.

Leave of Absence Policy and Reserved Placement in a Clinical Course

A reserved placement in a clinicalfield course will be held for the student for only one year from the date of the leave of absence. It is the responsibility of the student to submit to the undergraduate program director a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

\section*{Nursing RN Program}

\section*{Admission Criteria: RN Program}

An overall college GPA of 3.2 in addition to other requirements is the minimum requirement for consideration of an application. Admission to the School of Nursing is competitive.

The program is designed for RN students who have already completed a two- or three-year nursing program. All RN students admitted to the program are required to submit evidence of NYS RN licensure and health insurance, medical records with specified immunizations and CPR certification prior to entering the first semester of the nursing major.

Applicants who are in the process of taking the licensing examination are admitted conditionally. Proof of receipt of an RN license must be submitted to the Hunter-Bellevue School of Nursing by December 1 for students admitted in the fall. Students unable to show proof of license will not be permitted to continue in the nursing major. Applicants to the RN-BS Program must have completed 36 credits of liberal arts and sciences (including credits in progress) at an accredited college, plus the equivalent of 24 credits in nursing.

Students transferring from any accredited associate degree program in the United States will be granted 24 nursing credits for having a Professional Registered Nurse license. The Nursing Regents College Examinations (RCE'S) in Adult Nursing, Maternal and Child Nursing, and Psychiatric/Mental Health Nursing at the baccalaureate level are required for applicants from schools without accreditation, and for international graduates. A score of "C" or better is acceptable.

Students should download a current RN Program Fact Sheet, which details the admission process, from the HunterBellevue School of Nursing website at http://www.hunter.cuny.edu/nursing.

\section*{Lower Division (Hunter Core)}

Students entering Hunter with an AAS degree are required to complete Core, Pluralism and Diversity, and one writing course. Transfer students will have their transcripts evaluated upon admission by the admissions office. Courses for which equivalency is granted need not be repeated. Some transfer courses al may be used to satisfy Core requirements.

For CUNY Common Core, Required Core \& CUNY Common Core, Flexible Core go to Appendix I: Hunter Core Requirement

The requirements for students holding an AA, AS, BS, or AAS are differentiated at this link: http://www.hunter.cuny.edu/academics/hunter-core-requirement

\section*{Prerequisite Courses}

Prerequisite Courses (courses meet Hunter Core as noted)

English Composition (ENGL 12000 or transfer equivalent)* meets English Comp 1
Introduction to Statistics (STAT 11300 or transfer equivalent)* meets M/QR

General Psychology (PSYCH 10000 or transfer equivalent)
Human Development (PSYCH 15000 or transfer equivalent)

General Chemistry with Lab (CHEM 10000 (STEM) and CHEM 10100 or transfer equivalent) * meets LPS
Anatomy \& Physiology (BIOL 12000 \& BIOL 12200 or transfer equivalent)
Microbiology with lab (BIOL 23000 or transfer equivalent)
12.5 credits of science and math in addition to Statistics and Chemistry

Total lower division credits: 66

\section*{Upper Division (Major Requirements)}

Students partially fulfill the major requirements with 24 credits of nursing with their AAS degree or Regents Colleges Examinations. The remaining major courses and nine credits of electives are completed at Hunter:

\section*{NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System}

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

\section*{NURS 38400 - Nursing Culturally Diverse Families}

\section*{Pluralism and Diversity \\ PD/B}

Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr.
**Meets Pluralism and Diversity Requirement/Group B. Only open to nursing majors.

\section*{NURS 38100 - Health Assessment Throughout the Lifespan}

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr.

\section*{NURS 38000 - Nursing Research and Theory}
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Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3cr.

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\section*{NURS 48000 - Promotion of Wellness in the Community}

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
4 cr .

\section*{NURS 48200 - Advancement of Roles and Relationships in Professional Nursing}

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .

\section*{Hunter nursing electives (9 cr.)}

Nine credits from the following courses:

\section*{NURS 34000 - Women's Health}

\section*{Pluralism and Diversity}

PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr .

\section*{NURS 34200 - Ethical Issues in Nursing Practice}

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
3 cr .

\section*{NURS 34300 - Pathophysiology and Nursing Care}

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr.

\section*{NURS 34500 - HIVIAIDS: An Interdisciplinary Perspective for Health Care Providers}

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.
3 hrs
3 cr.

\section*{NURS 34600 - Death and Dying}

Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3 cr .

\section*{NURS 35000 - Independent Study in Nursing}

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.

\section*{NURS 35100 - Gender, Science and Technology}

\section*{Pluralism and Diversity}

PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr .

\section*{NURS 37900-Nursing and Societal Forces in the Health Care Delivery System}

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.

Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr.

\section*{NURS 39998 - Urban Disaster Response and the Health Care Team}

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
3 cr .

\section*{NURS 44000 - Stress Management for Nurses}

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
3 cr.

\section*{NURS 44100 - Selected Studies in Nursing Research}

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr .

\section*{NURS 44200 - Nursing Care of Acute and Critically III Clients}

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr.

\section*{NURS 44500 - Teaching-Learning Across the Developmental and Health Continua}

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr.

\section*{NURS 45000 - Computer Concepts and Application in Nursing}

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
3 cr.

NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr .
Total upper division credits: 54
Total minimum credits required for degree: 120

\section*{Repeating a Course}

Note: Students who fail a course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of " \(C^{\prime \prime}\) in all required nursing courses. Students who receive a grade of "D" or lower, or who fail any segment of a clinical nursing course or lab will be allowed to repeat the course or segment only once. Students who fail a second required nursing course or clinical lab/segment will be dismissed from the nursing program. This policy applies even if a grade appeal is in progress. Students who fail the clinical portion of a course will receive an " \(F\) " for the entire course, regardless of the corresponding theory grade.

\section*{Leave of Absence Policy and Reserved Placement in a Clinical Course}

A reserved placement in a clinical/field course will be held for the student for only one year from the date of the leave of absence. The School of Nursing cannot guarantee the placement for any longer period of time. It is the responsibility of the student to submit to the undergraduate program director a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

\section*{Nursing Dual/Joint Degree}

This is an early entry into the RN-BS program for students at Queensborough Community College. They are granted acceptance to Hunter after their freshman year if they satisfy certain GPA and course requirements. See the Queensborough website for further information about this phase of the dual degree www.qcc.cuny.edu/nursing/dualJoint-hunterBellevue.html

The Hunter portion of the curriculum follows the RN-BS curriculum:

\section*{Nursing Major}

\section*{NURS 34000 - Women's Health}

\section*{Pluralism and Diversity}

PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

\section*{3 hrs}

3 cr.

\section*{NURS 35100 - Gender, Science and Technology}
```

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
cr.

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\section*{NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System}

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

\section*{NURS 38000 - Nursing Research and Theory}

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

\section*{NURS 38100 - Health Assessment Throughout the Lifespan}

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \(\$ 45\)
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr .

\section*{NURS 38400 - Nursing Culturally Diverse Families}

\section*{Pluralism and Diversity}

PD/B
Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr .

\section*{NURS 48000 - Promotion of Wellness in the Community}

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
\(4 c r\).

\section*{NURS 48200 - Advancement of Roles and Relationships in Professional Nursing}

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr.
Six credits of nursing electives: The following two courses are suggested. They meet \(\mathrm{PD} / \mathrm{C}\) requirements.

\section*{Total HC Nursing ( 24 cr .)}

\section*{Nursing-BS}

\section*{Admission Criteria: RN Program}

An overall college GPA of 3.2 in addition to other requirements is the minimum requirement for consideration of an application. Admission to the School of Nursing is competitive.

The program is designed to meet the special needs of the experienced RN student who has already completed a two- or three-year nursing program. All RN Program students admitted to the program are required to submit evidence of NYS RN licensure and current registration, liability insurance, health insurance, medical records with specified immunizations and CPR certification prior to entering the first semester of the nursing major.

Students awaiting their State Board licensing examination scores who have not yet been awarded the Registered Professional Nurse License are admitted conditionally. Proof of receipt of the RN license must be submitted to the Hunter-Bellevue School of Nursing by December 1 for students admitted in the fall. Students unable to document receiving the license will not be permitted to continue in the nursing major. Applicants to the RN-BS Program must have completed 36 credits of liberal arts and sciences (including credits in progress) at an accredited college, plus the equivalent of 24 credits in nursing.

Students transferring from any accredited associate degree program in the United States will be granted 24 nursing credits for having a Professional Registered Nurse license. The Nursing Regents College Examinations (RCE'S) in Adult Nursing, Maternal and Child Nursing, and Psychiatric/Mental Health Nursing at the baccalaureate level are required for applicants from schools without accreditation by recognized bodies, and by international graduates. A score of "C" or better is acceptable.

Students should download a current RN Program Fact Sheet, which details the admission process, from the HunterBellevue School of Nursing website at http://www.hunter.cuny.edu/nursing.

\section*{Curriculum}

\title{
Prerequisite Course of Study with a minimum grade of " C " or its equivalent:
}

\section*{CHEM 10000 (STEM) - Essentials of General Chemistry Lecture}

\section*{Hunter Core}

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

Essential facts, laws, and theories of general chemistry.

Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec)
3 cr .
-or-

\section*{CHEM 10100 - Inquiries into the Nature of Matter}

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

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr .

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only

\section*{STAT 11300 - Elementary Probability and Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{BIOL 23000 - Fundamentals of Microbiology}

\section*{GER}

3/B
Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr .
spring only

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
\(3 \mathrm{hrs}+\) conf
3 cr .

\section*{PSYCH 15000 - Human Development}

\section*{GER}

2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage. prereq: PSYC 10000
3 hrs
3 cr .
Note: Submit proof of graduation from an accredited nursing program prior to beginning course work. The licensing exam (NCLEX-RN) must be completed and proof of passing the exam must be submitted to the School of Nursing by the end of the first semester or a student will be unable to progress in the program.

\section*{Non-Nursing Program Requirement (NEW HUNTER CORE):}

\section*{Required Core (12 credits)}

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

\section*{ENGL 22000 - Introduction to Writing about Literature (W)}

\author{
Hunter Core \\ English Comp (EC) \\ GER \\ 2/A
}

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr .

\section*{STAT 11300 - Elementary Probability and Statistics}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{CHEM 10000 (STEM) - Essentials of General Chemistry Lecture}

\section*{Hunter Core}

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

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec)
3 cr .
Flexible Core (18 credits)
HIST 15100 - The United States from the Colonial Era to the Civil War (W)

\section*{Hunter Core}

US Experience in its Diversity (USED)
GER
\(1 / \mathrm{C}\) or \(2 / \mathrm{B}\)

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 15200 - The United States from the Civil War Era to the Present (W)

\section*{Hunter Core}

US Experience in its Diversity (USED)

\section*{GER}

1/C or 2/B

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

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\section*{Hunter Core}

US Experience in its Diversity (USED)

\section*{GER}
\(1 / \mathrm{C}\) or \(2 / \mathrm{B}\)

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

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
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prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3cr.

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\section*{PSYCH 10000 - Introduction to Psychology}

GER
2/B

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

\section*{BIOL 23000 - Fundamentals of Microbiology}

GER
3/B
Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.

3 cr.
spring only

\section*{Requirements for the Degree:}

\title{
66 non-nursing and 54 nursing credits ( 24 from the Associate's degree program and 30 from Hunter).
}

\section*{Suggested Sequences of Courses:}

First Semester Nursing Program (Fall)

\section*{NURS 20000 - Introduction to Nursing}
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Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the
practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

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\section*{NURS 33400 - Pathopharmacology}

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management.
prereq: CHEM 10000/10100; BIOL 23000
4 hrs
4 cr .

\section*{NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System}

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .
NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

\section*{Winter Intersession}

\section*{NURS 24000 - Foundations of Genetics for Nurses}

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.
For RN to BS students only.
Fully online/hybrid.
prereq: CHEM 10000/10100; STAT 11300
coreq: NURS 20000; NURS 21000
30 hrs. lecture
2 cr.

\section*{Second Semester (Spring)}

\section*{NURS 38100 - Health Assessment Throughout the Lifespan}

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \(\$ 45\)
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr .

\section*{NURS 42300 - Foundations of Ethics and Palliative Care}

An introduction to ethics and palliative care in nursing.
prereq: CHEM 10000/10100; STAT 11300
3 hrs
3 cr .

\section*{NURS 48000 - Promotion of Wellness in the Community}

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement.

Combination online/hybrid.
4 hrs
4 cr .

\section*{NURS 49100 - Gerontology for Nurses}

This course provides a knowledge and skill base for effective nursing care of older adult clients.
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prereq: CHEM 10000/10100

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3 hrs
3 cr.
Summer Session

\section*{NURS 48200 - Advancement of Roles and Relationships in Professional Nursing}

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .

\section*{Nutrition and Food Science - BS}

School of Urban Public Health

\section*{Nutrition and Food Science}

Program Coordinator:
Ming-Chin Yeh, PhD
Associate Professor
Silberman Building
2180 Third Avenue, Room 609
(212) 396-7776
myeh@hunter.cuny.edu

\section*{Recruitment and Admissions Coordinator:}
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Amina Alam, BA
Room 301
212-396-7778
aala@hunter.cuny.edu

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The Nutrition and Food Science (NFS) major at Hunter College is a diverse science-based program where students learn about food and its effect on our health. It offers a comprehensive study of the fundamental principles of food preparation and safety, nutrition, food service management, and community nutrition education. This is accomplished through the application of a variety of sciences. Students who like physical and biological sciences, are interested in
good health, enjoy working with people, and are concerned about the nutritional well-being of people and communities will find interesting and challenging career opportunities within health care fields or in the food industry. The NFS major at Hunter develops these interests and prepares students for challenging opportunities after graduation.

This major is designed for students who plan to enter the workforce directly out of college. The BS in NFS may be a terminal degree, or NFS graduates may elect to continue on for additional education. Students in the NFS major will take courses in nutrition, food science, food service management, research methods, community nutrition education, and epidemiology.

Along with providing students with a good preparation in nutrition, this major is also a good undergraduate preparation for those who might want to go into allied health fields, social work, or other human service professions. The elective courses also allows these undergraduate students who may wish to pursue medicine, nursing, physical therapy or other health careers to take additional science and other pre-requisite coursework for those programs.

Career Opportunities: The BS in NFS degree provides graduates with a wide variety of career opportunities. Foods and nutrition majors frequently work with athletes, weight control and fitness programs, or other special groups like WIC (Women, Infants \& Children in community settings. Industries like hotels, airlines, universities, food service chains, and industrial cafeterias employ food service managers. Graduates can become food science technical specialists and conduct research, development and quality control of food products for food companies. It is also possible to use foods and nutrition knowledge for jobs in advertising, marketing and in the mass media. Students can become consultants to television programs, or write articles on food for newspapers. Students may take steps after graduation to enter a graduate didactic program in dietetics to become registered dietitians.

Note: This major is not a didactic program in dietetics (DPD) and does NOT prepare the student to become a registered dietitian.

\section*{Admission Requirements}

Students planning to apply for admission to the School of Health Sciences Nutrition and Food Science track should attend a group orientation session for prospective students held several times throughout the year. Please see http://sph.cuny.edu/news-events/ for updates.

Students enter the program in the fall semester and can attend on a full-time or part-time basis during the day. The Appendix I: Hunter Core Requirement should be met before entrance into the NFS major. The requirements for admission into the NFS major are completion of 60 credits, including the following courses: two semesters of anatomy and physiology with lab BIOL 12000 and BIOL 12200 ; one semester of general chemistry with lab CHEM 10000 (STEM) and CHEM 10100; one semester of organic chemistry with lab CHEM 12000 (STEM) and CHEM 12100 (STEM) ; one semester of microbiology with lab BIOL 23000; one semester of statistics STAT 11300 or STAT 21300 (STEM); one semester of introductory food science NFS 13100; one semester of introductory nutrition NFS 14100. A grade of \(C\) or better must be earned in all science prerequisites, and a grade of \(B\) or better in the two nutrition and food science courses.

The prerequisite courses must be completed by the end of the summer session preceding entrance into the NFS major. An overall GPA (combined grade point average from all postsecondary institutions attended) of 2.8 is required for consideration. Because of the competitive nature of the applicant pool and the small size of the incoming class, the admission process may favor applicants with an overall GPA greater than 2.8.

All applicants, including those currently enrolled at Hunter College, must file a City University of New York (CUNY) Transfer (Advanced Standing) application. The application may be obtained at Hunter's 68th Street campus in the college's Welcome Center, Room 100 North Building, (212) 772-4490, online at http://admissions.hunter.cuny.edu, at CUNY's Office of Admission Services, 1114 Avenue of the Americas, New York NY 10036, (212) 997-2869 and at all CUNY campuses. You can also apply online at www.cuny.edu.

The transfer application and required supporting academic records must be mailed to the University Application Processing Center, PO Box 359023, Brooklyn, New York, 11235-9023 by March 1. Applications that arrive after March 1 are not given priority consideration and are processed on a space available basis. Applicants with completed applications by the deadline date can expect to be notified no later than May 1.

Students who have not completed the prerequisite course requirements to be considered for admission to the NFS major may wish to transfer to Hunter College as liberal arts and science students. These students should follow the same transfer admission process detailed above for the following year.

CUNY students with an earned AA or AS degree in fall 2003 and after are exempt from the Core requirements of the GER but must fulfill the graduation requirements of significant writing, and pluralism and diversity. Students must have successfully completed the other prerequisites before applying as a NFS major. Transfer students who have not earned a degree, or who have earned an associate degree from a non-CUNY institution are required to complete the Hunter GER requirements in order to graduate.

\section*{Requirements for Graduation with a BS in Nutrition and Food Science (120 credits)}

\section*{Hunter Core Requirement}

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

\section*{Nutrition and Food Science Major Courses (24 cr)}

Prerequisite courses (open to non-majors)

\section*{NFS 13100 - Food Science I}

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr .

\section*{NFS 14100 - Nutrition}

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .

Open to majors only
NFS 33300 - Nutrition Education

Introduction to the theories and principles of the teaching-learning process in the field of nutrition.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

\section*{NFS 33500 - Institutional Management}

Overview of the theories, functions and tasks of management. Discussion of labor and effective methods for directing an operation with applications drawn from food service.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ECO 10000
3 hrs
3 cr .

\section*{NFS 34200 - Nutrition and Human Development}

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
\(3 c r\).

\section*{NFS 40200 - Seminar in Nutrition and Food Science}

Research in nutrition and food science; examination of professional goals.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

\section*{NFS 43500 - Food Service Systems}

The organization and administration of a food service operation from the systems approach on the tactical and strategic level, stressing learning activities and competencies required by the American Dietetic Association.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

\section*{NFS 44100 - Community Nutrition}

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.
NFS 44351 - Practicum in Nutrition and Food Science

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
7 hrs (1 lec, 6 lab)
3 cr.
COMHE 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .

\section*{Bachelor of Social Work- BSW}

\section*{Bachelor of Social Work (BSW)}

\begin{abstract}
About the Program

The Silberman School of Social Work at Hunter College has launched its practice based BSW program. The BSW Program is open to full time, matriculated Hunter students, who currently have between 55 to 80 credits.

The BSW program offers Hunter students a two-year professional social work degree with a practice focus in Child Welfare or Care Coordination. The curriculum is robust, linking theory, concepts and evidence informed practice, through formal instruction and skills based structured field work. Students will learn the core skills of assessment, engagement, intervention, advocacy and documentation through a generalist practice lens. The BSW program will prepare students to become knowledgeable, caring, entry level social workers in the areas of Child Welfare and Care Coordination.

Hunter students must apply to the BSW degree program. If accepted into the program, students will be required to declare Social Work as their major. Students in the second year of the BSW program will complete 400 hours of Field Work in addition to the required social work courses. Students will also register for electives at the college, relevant to social work, and approved by the social work department, to complete the required 120 credits required for a Bachelor's degree.
\end{abstract}

\section*{IMPORTANT: Please check the Hunter College School of Social Work \\ website: http://sssw.hunter.cuny.edu/ssw/programs/bsw/ for up-to-date information.}

\section*{Admissions Requirements}

\section*{Applications are completely online.}

Students are admitted in the fall only.
Students must be full-time, matriculated students at Hunter.
Students will be considered for admission if they have between 55 and 80 credits and an overall GPA of 2.75.

Students must have taken and received a grade of B or better, in the Introduction to Social Work course SW 20100 or SOC 23100.

Transfer students must apply to Hunter College and be accepted as a Liberal Arts student in the previous fall from the semester they are applying to the BSW program. All associate degree holders may require an additional three years of full-time study at Hunter College to complete the BSW requirements.

Transfer students with an associate degree who graduated from a Human Services program, and received credit from Hunter for their Introduction to Social Work course may still be required to take the Introduction to Social Work course SW 20100, or a Social Work Practice review workshop with a required 32 hour, supervised volunteer social services assignment prior to admission. BSW advisers will meet with these applicants, and review transcripts on a case by case basis.

Note: BMCC Human Service program graduates, who have been accepted to Hunter as full-time students are not required to register for the Introduction to Social Work course SW 20100

\section*{Required BSW Courses}

\section*{SW 31000 - Social Work Practice and Learning LAB I}

Social Work Practice Lab (PL) I, is the first part of a two-semester foundation course that introduces the BSW student to professional social work practice with individuals, families, groups, organizations and communities.
prereq: SW 20100 Introduction to Social Work
coreq: SW 33000 Human Behavior and the Social Environment I ; SW 32000 Social Work Policy I
3 hrs.
3 cr.
fall only

\section*{SW 31100 - Social Work Practice and Learning LAB II}

Social Work Practice Lab (PL) II, is the second part of a two-semester foundation course and builds on the foundational issues and generalist practice approach in Social Work Practice Lab I.
prereq: SW 21000, SW 32000, SW 33000, SW 31000
3 hrs.
3 cr.
spring only

\section*{SW 32000 - Introduction to Social Welfare Policy \& Services}

Provides students with orienting knowledge and skills needed to examine social welfare policies and to understand their relevance to social service delivery and practice.
prereq: SW 20100
coreq: SW 31000, SW 33000
3 hrs.
3 cr.
fall only

\section*{SW 33000 - Human Behavior in the Social Environment I}

Provides a foundation for students to make conceptual linkages between multiple formulations of the personenvironment configuration in understanding the complexities of human behavior, while paying specific attention to both social diversity and human development.
prereq: SW 20100
coreq: SW 31000, SW 32000
3 hrs
3 cr.
fall only

\section*{SW 33100 - Human Behavior in the Social Environment II}

Continuation of the two-semester course (SW 33000/33100). It builds on a foundation of knowledge on "human behavior in the social environment" for social work practice with individuals, families, groups, organizations and communities.
prereq: SW 20100, SW 33000
coreq: SW 34000
3 hrs
3 cr.

\section*{SW 34000 - Social Work Policy in Child Welfare}

This course is designed to help students understand the current and historical context of child welfare policies and programs in New York and the United States; the major issues in child welfare; policy frameworks; and services and practices in the child welfare arena.
prereq: SW 20100, SW 31000, SW 32000
coreq: SW 31100, SW 33100
3 hrs.
3 cr.
spring only

\section*{SW 35000 - Social Work Policy II in Care Coordination}

An overview of health care and care coordination systems and policies, with a specific focus on the role of social workers in implementing care coordination services to aging, health and mental health clients.
prereq: SW 20100, SW 31000, SW 33000
coreq: SW 31100, SW 33100
prereq or coreq: SW 32000
3 hrs.
3 cr .
spring only

\section*{SW 41000 - Social Work Practice in Child Welfare I}

Social Work Practice in Child Welfare I is designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.
prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 34000
coreq: SW 43000, 45000
3 hrs
3 cr .
fall only

\section*{SW 41100 - Social Work Practice in Child Welfare II}

The 2 nd semester of a year long practice course designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.
prereq: \(S W\) 20100, 31000, 31100, 33000, 33100, 32000, 34000, 41000
coreq: SW 43100, 45100
3 hrs
3 cr .
spring only

\section*{SW 42000 - Social Work Practice in Care Coordination I}

The first part of a two semester practice course. It is designed to help students apply the major psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practices to care for older adults, the mentally ill and persons with chronic health issues.
prereq: \(S W\) 20100, 31000, 31100, 33000, 33100, 32000, 35000
coreq: SW 43000, 45000
fall only

\section*{SW 42100 - Social Work Practice in Care Coordination II}

The second half of a two-semester practice course on Care Coordination. It deepens knowledge and skills of students learning how to apply psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practice to care for older adults, mentally ill, and persons with chronic health issues.
prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 35000, 42000
coreq: SW 43100, 45100
3 hrs
3 cr .
spring only

\section*{SW 43000 - Integrative Seminar 1}

This is the first part of a two-semester Integrative Seminar taken in conjunction with field placements. Students are taught how to use assessment, planning, intervention and evaluation paradigms to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.
prereq: SW 20100, 31000, 31100, 33000, 31100, 32000; 34000 -or- 35000
coreq: SW 41000 -or- 42000; SW 45000
3 hrs
3 cr .
fall only

\section*{SW 43100 - Integrative Seminar 2}

This is the second semester skills building Integrative Seminar taken in conjunction with field placements. The assessment, planning, intervention and evaluation paradigms are used to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.
prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 35000 -or-34000; 43000, 45000
coreq: SW 41100 -or- 42100; 45100
3 hrs
3 cr .
spring only

\section*{SW 44000 - Social Work Research}

An introduction to basic research methods within the context of social work practice.
prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 -or- 35000
3 hrs
3 cr.
fall only

\section*{Attendance Requirements}

BSW program is a full time program. All courses and field work are offered only during the day. Students must attend on a full time basis. Courses are offered sequentially by semester, and must be taken in order.
- Classes in the first year of the program will be held on the Hunter main campus.
- Classes in the second year will be at the Silberman School of Social Work.

\section*{Grading Policy}

BSW students will receive a letter grade for course work. A minimum overall GPA of 3.0 is expected to remain in good academic standing. Students who do not pass a continuing course - offered over two semesters, sequentially - will not be allowed to repeat the course until it is offered again in the curriculum sequence. Students will be allowed to repeat a course only one time.

\section*{Accreditation}

The Silberman School of Social Work Bachelor in Social Work degree is accredited by the Council on Social Work Education (CSWE).

\section*{Bachelor of Science/Master of Arts - BS/MA}

\section*{Medical Laboratory Sciences/Biological Sciences with Specialization in Biotechnology - BS/MA}

\author{
Return to: Medical Laboratory Sciences
}

Qualified Hunter College seniors majoring in medical lab sciences in the School of Arts \& Sciences may apply to the new BS/MA collaboration between the Department of Medical Laboratory Sciences and the Department of Biology. An intensive techniques workshop (BIOL 61000-see graduate catalog) is taken prior to graduation and upon successful completion, students may continue with professional internship, and the accelerated MA program.

\section*{Bachelor's Degrees}

\section*{Music Bachelor's Degrees}

Return to: Department of Music
- Music 25-Credit Major (BA)
- Music 42-Credit Major (BA)
- Music - BMus

\section*{Major Programs}

The Department of Music offers three undergraduate and two BA/MA major programs to fit individual interests and requirements. Students must take three examinations before declaring a music major:
1. Music notation, rudimentary theory, and basic musicianship skills. This examination is prerequisite to MUSTH 22000 (Music Theory I).

Students who do not pass it must take MUSTH 10100 (Music Theory Fundamentals) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 (Introduction to Music) or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.
Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{Minor in Music}

The music minor consists of 15 credits in music:

\section*{MUSTH 10100 - Music Theory Fundamentals}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .

\section*{MUSHL 10100-A Thousand Years of Listening}

\author{
Hunter Core \\ Creative Expression (CE) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/D
}

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .
-or-

\section*{MUSHL 10700 - The World of Music}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
3 hrs
3 cr .
- one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200 -level or higher.

Prospective minors who have already mastered the material taught in the required 100 -level courses MUSTH 10100 and/or MUSHL 10100 or MUSHL 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see above). Music minors may substitute more advanced courses in any area of music study, including private lessons (subject to availability) and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

\section*{Grading Policies}

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

\section*{Honors}

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

\section*{MUSTH 49100 - Honors Project}

Upper Jr/Sr only. Individual project of large scope in music history, theory, composition, or performance. prereq: minimum music GPA of 3.5, perm undergrad adviser
1 sem
3 cr .

\section*{MUSTH 49200 - Honors Project}
prereq: MUSTH 49100
1 sem
3 cr .

\section*{Graduate Study}

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

\section*{Honors}

\section*{Thomas Hunter Honors Program}

\section*{Major}

Students in the Thomas Hunter Honors Program who wish to design an interdisciplinary major for themselves may do so in consultation with the appropriate Council adviser. The final transcript of such students designates the major as "Special Honors Curriculum." Most students in the Thomas Hunter Honors Program, however, elect to fulfill the requirements for one or more specific departmental majors. These students abide by departmental criteria for the major, and are expected to pursue departmental honors in their major. Their final transcript records the major as Special Honors Curriculum/Specific Department. Whatever their major concentration, all students in the Program must also successfully complete three special interdisciplinary honors colloquia (see further on) and maintain a cumulative grade point average of 3.5 or better until their final certification into the Program. Certification usually occurs in the student's junior year, when the Council, ruling on each case individually, decides that the student's continuing academic distinction, commitment to interdisciplinary work, and promise of future productivity warrant permanent membership in the Thomas Hunter Honors Program.

Thomas Hunter Honors Program students meet regularly in 200-level and 300 -level colloquia, led by members of the Council on Honors and by other invited members of the faculty. Students take a minimum of three colloquia, one of which must be at the 200 -level, and one of which must be at the 300 -level. While the specific content of these courses varies from semester to semester, the underlying principles remain the same.

The 200-level colloquium is taught by one professor, often a member of the Council on Honors, who studies a specific theme using the materials and methodologies of at least two disciplines. Students may take more than one of these colloquia if they so desire, but at least one must be taken during their first year in the Program. The 300-level honors colloquia are special seminars, usually conducted by two professors, devoted to topics lending themselves to broad interdisciplinary investigation. One of the required three colloquia must be a 300 -level.

The colloquia offer breadth of exposure, but, even more importantly, they seek to demonstrate how knowledge gained from a variety of disciplines can be related and integrated in an effort to understand complex processes and phenomena. In all colloquia, students write at least one major paper, in which they apply the methodology of the course to material of particular interest to them.

Upon completion of 90 credits, Thomas Hunter Honors students may also be admitted by the Council to Advanced Interdisciplinary Studies, with the opportunity of engaging in advanced independent study under the Council's supervision. A thesis or other appropriate report of the results of the student's research is presented to the Council.

\section*{Requirements}

\section*{CUNY Common Core Creative Expression (CE) 1 Course}

Return to Appendix I: Hunter Core Requirement

\section*{Creative Expression (CE) 1 Course}

\section*{ARB 25000 - The Arab Novel (in translation) (W)}

\section*{Hunter Core}

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

\section*{ARB 25100 - Arab Cinema (in translation)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{DAN 10200 - Dance, Dancers and the Audience}
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Hunter Core
Creative Expression (CE)
Pluralism and Diversity
GER 2/D
Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
3 cr .

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\section*{DAN 23200-20th-Century Dance History}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
3 cr .

\section*{ENGL 25000 - Topics in Literature}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{A}\) or B or C or D
GER
2/C
Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 25100 - Topics in Literature}

\author{
Hunter Core \\ Creative Expression (CE) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/C
}

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{FILM 10100 - Introduction to Cinema}

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr .

\section*{GERMN 24100 - German Fairy Tales in Translation (W)}

\section*{Hunter Core}

Creative Expression
Pluralism and Diversity
PD/D
GER
2/C
Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairystory traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
*No "W" designation when offered in Winter Session

\section*{HUM 20100 - Explorations in the Arts}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/D

Introduction to temporal and spatial arts with special emphasis on theatre, film, music, and visual arts. Focus on principles they share as well as on their distinguishing features. Attendance at artistic events in NYC.
3 hrs
3 cr.

\section*{MHC 10000 - MHC Seminar 1, The Arts in New York City (W)}

\section*{Hunter Core}

Creative Expression (CE)
Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre
prereq: Open to Macaulay Honors College students only
3 hours
3 credits

\section*{MUSHL 10100 - A Thousand Years of Listening}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
\(3 c r\).

\section*{MUSHL 10700 - The World of Music}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
3 hrs
3 cr .

\section*{MUSTH 10100 - Music Theory Fundamentals}

\section*{Hunter Core \\ Creative Expression (CE) \\ GER \\ 2/D}

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .

\section*{RUSS 25300 - Russian Theater in English Translation (W)}
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Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr .

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\section*{RUSS 29500 - The Vampire in Lore and Literature (W)}

\author{
Hunter Core \\ Creative Expression (CE) \\ \section*{GER} \\ 2/C
}

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the \(21^{\text {st }}\)
century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
\(3 c r\).

\section*{THEA 10100 - Introduction to Theatre}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/D
Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr .

\section*{THEA 21100 - World Theatre I (W)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age. prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

THEA 21200 - World Theatre II (W)

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
THEA 21300 - World Theatre III (W)

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

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

\section*{CUNY Common Core by Department}
return to: Appendix I: Hunter Core Requirement
Students may take no more than two courses from one department or program to fulfill categories A2 (English Composition 2) through H.

\section*{Africana and Puerto Rican/Latino Studies}

\section*{AFPRL 10000 - Introduction to Black Politics}
```

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

```

General survey of politics of African world with major emphasis on politics in Black America.
3 hrs
3 cr

\section*{AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective}
```

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

```

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr .

AFPRL 18100 - Language and Ethnic Identity

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

\section*{AFPRL 18200-Culture and Ethnic Identity}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI)
}

\section*{AFPRL 20100 - African History from Human Origins to 1600 CE}
```

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

```

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr .

AFPRL 20200 - African History Since 1600 CE

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Main currents of African history from 1600 CE to present
3 hrs
3 cr .

\section*{AFPRL 20500 - African American Politics of Social Change}
```

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

```

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr .

\section*{AFPRL 20900 - Introduction to Caribbean History to 1900}
```

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

```
Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 21000 - Introduction to Caribbean History: 1900 - Present}

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B
Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 22200 - African Civilization}

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

GER
2/C

Introduction to study of African civilization.
3 hrs
3 cr .

\section*{AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)}

\author{
Hunter Core \\ English Composition (EC) \\ Pluralism and Diversity \\ PD/A or B \\ GER \\ 2/A
}

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
prereq: ENGL 12000
3 hrs
3 cr

\section*{AFPRL 24300 - Puerto Rican Culture}
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr .

\section*{Anthropology}

\section*{ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)}
```

Hunter Core
US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.
prereq: ENGL 12000
3 hrs
cr.

```

ANTHC 10100 - Introduction to Cultural Anthropology
```

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

```

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

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B}

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

\section*{ANTHC 15100 - Introduction to Linguistics}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B}

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

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core}

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

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

\section*{ANTHP 10500 - The Human Species}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
GER
2/E
In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution
3 hrs
3 cr .
Art

\section*{ARTH 11100 - Introduction to History of Art}

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

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

3 hrs
3 cr . cr

\section*{Asian American Studies}

\section*{ASIAN 23002 - Asian American Communities and Mental Health}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/B
Introduction to pyychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery. 3 hrs
3 credits

\section*{Biology}

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

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

\section*{BIOL 10200 (STEM) - Principles of Biology II}

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

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 10500 - Introduction to Genome Biology}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
A genome is the total genetic content of an organism. Driven by breakthroughs such as the decoding of the first human genome and rapid DNA-sequencing technologies, biomedical sciences are undergoing a rapid and profound transformation into a highly data-intensive field, which requires familiarity with concepts in both biology and computer science. Genome information is revolutionizing virtually all aspects of biology and medicine and will lead to major advances such as more efficient production of renewable energy, better cures for cancers, and longer and healthier life expectancy. This course will introduce genome-sequencing technologies, explore hundreds of genome projects online, and discuss both the benefits and challenges (e.g., ethical and legal) of the genomic revolution to society.
3 hrs.
3 cr .

\section*{BIOL 12500 (STEM) - Human Biology}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E w/ lab
}

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

\section*{6 hrs}
4.5 cr .
spring only

\section*{BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ \section*{GER} \\ GER 2/E with lab
}

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

\section*{BIOL 17500 - Choreographing Genomics}

\section*{Hunter Core}

Scientific World (SW)
This course uses postmodern dance to model biological processes. It is an introductory biology course for non-majors studies in the biological science of molecular genome information through readings, quantitative assignments, movement exercises and artistic lenses. Students explore a detailed examination of heredity and cancer with a focus on contributions of DNA. Students are expected to articulate gene information flow through problem solving, written assignments, oral contributions, and movement forms. Topics covered include the definition of a gene, recombination of genes, the central dogma of genetic flow in a biological system, the 1:1 Pair Rule (Chargaff's rules), DNA sequencing, functional genomics and the relationships of genes to cancer and heredity, as well as ethical issues in medicine.
Each student is in charge of their own body and must recognize that they will have to use their body for assignments and in class participation work.

Students will be required to talk and move in class (comfortable clothes, flat shoes or bare feet, and a yoga mat are required).
Students will have reflective assignments that include written work.
Students will be required to develop visual and movement-based models.
prereq: MATH 10100
3 hrs
3 cr.
spring only

\section*{Chemistry}

\section*{CHEM 10000 (STEM) - Essentials of General Chemistry Lecture}

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

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec )
3 cr .

\section*{CHEM 10100 - Inquiries into the Nature of Matter}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) \\ GER \\ GER 2/E
}

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.

Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

\section*{GER}

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ Pluralism and Diversity \\ GER 2/E \\ Laboratory experiments illustrating and applying theory of solutions to qualitative analysis. \\ Offered for transfer students who have completed only one semester of General Chemistry Laboratory. \\ prereq: One semester of General Chemistry Laboratory. \\ prereq or coreq: CHEM 10400
}

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

\section*{CHEM 11100 (STEM) - Chemical Principles}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

\section*{CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry}

\section*{Hunter Core}

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

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\section*{Hunter Core}

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

\title{
CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory
}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

\section*{Classical and Oriental Studies}

\section*{GRK 10100 - Beginning Greek}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr.
offered fall

\section*{HEBR 10100 - Elementary Hebrew I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 101 not credited without HEBR 102.
HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

\section*{HEBR 10500 - Elementary Biblical Hebrew I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.
Not credited without HEBR 10600
3 hours
3 credits

\section*{HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)}
```

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

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Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr .

\section*{HEBR 22100 - Modern Israeli Culture}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

\section*{HEBR 22200 - Introduction to Jewish Texts and Writings}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times. \\ prereq or coreq: ENGL 120 \\ 3 hours \\ 3 credits
}

HEBR 24000 - Introduction to the Old Testament
```

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

```

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

\section*{HEBR 29000 - Biblical Archaeology}

\section*{Hunter Core}

Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr

\section*{LAT 10100 - Beginning Latin}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement. 3 hrs.
3 cr .
offered fall

\section*{RUSS 10100 - Elementary Russian}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 15600 - Culture of Imperial Russia: the Age of Empresses}
Hunter Core
Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 15700-The Age of the Great Masters}
```

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

```

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 15800 - Contemporary Russian Culture}

\author{
Hunter Core \\ Individual \& Society (I\&S) Humanities \\ GER \\ 2/C
}

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
\(3 c r\).
RUSS 25000-19th Century Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I\&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
\(3 c r\).
RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)
```

Hunter Core
Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A

```

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25200 - Modern Russian Literature in English Translation (W)
```

Hunter Core
Individual and Society (I\&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C

```
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25300 - Russian Theater in English Translation (W)

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

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr.
RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)
Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova,

Pasternak.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{RUSS 25500 - Russian Folklore, in Translation (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)}

Hunter Core
Individual and Society (Social Science) -I\&S SS
GER
2/C

Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr .

\section*{RUSS 29300 - Folklore in Translation: A Comparative Study}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in
juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
3cr.

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\section*{RUSS 29400 - Folklore and Literature (W)}
```

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

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Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 29500 - The Vampire in Lore and Literature (W)}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/C
Comparative study of the vampire in various folk and literary traditions from ancient Greece to the \(21^{\text {st }}\)
century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{RUSS 29600 - Vladimir Nabokov Between Two Cultures}

\section*{Hunter Core}

Creative Expression (CE)
GER
3/A
Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

\section*{ARB 10100-Beginning Arabic I}

\section*{Hunter Core}

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

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit
policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr .

\section*{ARB 14800-Beginning Arabic for Heritage Speakers}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head
3 hrs
3 cr .

\section*{ARB 25000 - The Arab Novel (in translation) (W)}

\section*{Hunter Core}

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

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

\section*{ARB 25100 - Arab Cinema (in translation)}

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

\section*{ARB 25300 - Literatures and Cultures of Muslim Spain (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
GER
2/C

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

\section*{ARB 25400 - The Arabian Nights East and West (W)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

\section*{ARB 25500 - Modern Palestinian Culture}

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

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

\section*{ARB 25600 - Modern Arab Theatre}

\section*{Hunter Core}

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

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation.
JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{JPN 25100 - Japanese Culture Before 1600}

\section*{Pluralism and Diversity}

PD/A
GER
2/C
Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr

\section*{CHIN 10100 - Elementary Chinese I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr.
offered fall

\section*{CHIN 11100-Chinese Culture I}

\section*{Hunter Core}

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

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3 cr .

\section*{CHIN 11200 - Chinese Culture II}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English. 3 hrs
3 cr .

CHIN 25100 - Topics in Chinese Literature in English Translation (W)
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3cr.

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\section*{CLA 10100 - Classical Mythology}

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

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr .

\section*{CLA 11000 - The Greek and Latin Roots of English}

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr .

CLA 20100-Greek Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 20300 - Roman Civilization (W)}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C
}

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)}

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 25000-Greek and Roman Tragedy (W)}
```

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

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A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

\section*{CLA 25100 - Ancient Comedy (W)}
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

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Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 25300 - Homer and Vergil (W)}

\section*{Hunter Core}

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

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .
Computer Science

\section*{CSCI 12000 - Introduction to Computers}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues.
This course cannot be counted towards the CSCI major
prereq: none
3 hrs
3 cr .

\section*{CSCI 12100 - Computers and Money: Quantitative Reasoning in Context}

\section*{Hunter Core}

Math and Quantitative Reasoning (MQR)
GER
1/B

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics-stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet- based approach to understanding issues of money and personal finance.

This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
\(3 c r\).

\section*{CSCI 12700 - Introduction to Computer Science}

\author{
Hunter Core \\ Scientific World (SW) \\ \section*{GER} \\ 2/E (Non lab course)
}

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

\section*{CSCI 13200 - Practical UNIX and Programming, with Lab}

\section*{Hunter Core}

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

\section*{CSCI 13300 - Programming for Everyone}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E
A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
\(3 c r\).

\section*{Dance}

\section*{DAN 10200 - Dance, Dancers and the Audience}

\section*{Hunter Core}

Creative Expression (CE)

\section*{Pluralism and Diversity}

\section*{GER 2/D}

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
\(3 c r\).

\section*{DAN 23200-20th-Century Dance History}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
3 cr .

\section*{Economics}

\section*{ECO 10000 - Introduction to Economics}

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

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

\section*{ECO 20000 - Principles of Microeconomics}

\author{
Hunter Core \\ Scientific World (SW) \\ GER
}

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr.

\section*{ECO 20100 - Principles of Macroeconomics}

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

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

\section*{ECO 22100 - Economic Statistics}

\section*{Hunter Core}

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

\section*{English}

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

\section*{ENGL 22000 - Introduction to Writing about Literature (W)}
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Hunter Core
English Comp (EC)
GER
2/A

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Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

\section*{ENGL 25000 - Topics in Literature}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{A}\) or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 25100 - Topics in Literature}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{Film \& Media Studies}

\section*{FILM 10100 - Introduction to Cinema}

\author{
Hunter Core \\ Creative Expression (CE) \\ Pluralism and Diversity \\ PD/D
}

\section*{GER}

2/D
Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr .

\section*{MEDIA 18000 - Introduction to Media Studies}

\author{
Hunter Core \\ Individual \& Society (Social Sciences) - I\&S SS \\ GER \\ 2/C
}

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

\section*{Geography}

\section*{GEOG 10100 - People and Their Environment}

\author{
Hunter Core \\ Individual and Society - Social Science \\ GER \\ 2/B
}

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

> 3 hrs
> 3 cr .
> offered fall and spring.

\section*{PGEOG 13000 (STEM) - Weather and Climate}

\section*{Hunter Core}

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

\section*{GER}

2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant
environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr .
Offered in the Fall and Spring

\section*{GEOL 10000 - Introductory to Geology}

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ 2/E
}

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

\section*{GEOL 10100 - Introductory Geology Lab}

\section*{Hunter Core}

Life \& Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.

\section*{GEOL 10500 - Introduction to Environmental Geoscience}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E (Non lab course)
Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
3 cr .

GEOL 18000 - Introduction to Oceanography
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Hunter Core
Scientific World (SW)
GER
2/E

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An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr .
Offered fall and spring

\section*{German}

\section*{GERMN 10100 - Elementary German I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

\section*{GERMN 24100 - German Fairy Tales in Translation (W)}

\section*{Hunter Core}

Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairystory traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No " \(W\) " designation when offered in Winter Session

\section*{History}

HIST 11100 - World History to 1500

\section*{Hunter Core}

World Culture and Global Issues (WCGI)

\section*{Pluralism and Diversity}

PD/A
GER
2/B

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

\section*{HIST 11200 - World History from 1500 to the Present}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B
}

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

HIST 12100 - Early Modern Europe 1500 to 1815

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

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

\section*{HIST 12200-19th and 20th Century Europe (W)}

\section*{Hunter Core}

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

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

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

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

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

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

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.

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\section*{HIST 20800 - History of the Jews}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

HIST 27700 - East Asia to 1600
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Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

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Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 27800 - East Asia, 1600 to the Present}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/B
}

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.

\section*{Humanities}

\section*{HUM 11000 - Map of Knowledge (W)}

\section*{GER}

2/C

Introduction to range of knowledge available in the curriculum. Discusses subject matter and methodology of various disciplines as well as their relations within and across the curriculum to aid students in making intelligent choices in their course of study.
3 hrs
3 cr .

\section*{HUM 20100 - Explorations in the Arts}

\section*{Hunter Core}

Creative Expression (CE)

\section*{GER}

2/D

Introduction to temporal and spatial arts with special emphasis on theatre, film, music, and visual arts. Focus on principles they share as well as on their distinguishing features. Attendance at artistic events in NYC.
3 hrs
3 cr.

\section*{Macaulay Honors College}

MHC 10000 - MHC Seminar 1, The Arts in New York City (W)

\author{
Hunter Core \\ Creative Expression (CE) \\ Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre \\ prereq: Open to Macaulay Honors College students only \\ 3 hours \\ 3 credits
}

\section*{MHC 15000 - MHC Seminar 2: Peopling of New York (W)}

\author{
Hunter Core \\ Individual and Society (Social Sciences) -I\&S SS \\ Fulfills GER 2B, Social Science: People and Their Societies. \\ prereq: Open only to Macaulay Honors College students. \\ 3 hours \\ 3 credits
}

\section*{MHC 20000 - MHC Seminar 3: Science and Technology (W)}

\section*{Hunter Core}

Scientific World (SW)
GER
GER 3B
prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College campus
3 hours
3 credits

\section*{Mathematics and Statistics}

\section*{MATH 10000 - Basic Structures of Mathematics}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department
prereq: CUNY Math Proficiency
3 hrs
3 cr.

\section*{MATH 10200 - Mathematics and Everyday Life}
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Hunter Core
Math/Quantitative Reasoning
GER
1/B

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Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.
prereq: CUNY Math Proficiency
3 hours
3 credits

\section*{MATH 10400 (STEM) - Mathematics for Elementary Education I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students. prereq: grade of C or better in MATH 10100 or appropriate score on the placement exam
3 hrs
3 cr.

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

MATH 15500 (STEM) - Calculus with Analytic Geometry II

\section*{Hunter Core}

Math/Quantitative Reasoning
GER

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

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{STAT 21200 - Discrete Probability}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B
Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{Music}

\section*{MUSHL 10100 - A Thousand Years of Listening}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .
MUSHL 10700 - The World of Music

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

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean. 3 hrs
3 cr .

\section*{MUSTH 10100 - Music Theory Fundamentals}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/D
For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .

\section*{Philosophy}

\section*{PHILO 10100 - Introduction to Philosophy}
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Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C

```

Examination of basic philosophical questions through study of selected philosophical classics.

3 hrs
3 cr .
offered each semester

\section*{PHILO 10400 - Introduction to Ethics}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester

\section*{PHILO 10600 - Philosophy, Politics and Society}
```

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3cr.
offered each semester

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\section*{PHILO 17000 - Introduction to Logic and Scientific Method}

\begin{abstract}
Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
\(3 c r\).
\end{abstract}

PHILO 20400 - Great Philosophers

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

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000

\section*{Physics}

\section*{ASTRO 10000 - Basic Concepts in Astronomy}

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ 2/E
}

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe.
3 hrs .
3 cr .

\section*{ASTRO 10200 - Laboratory Explorations in Astronomy}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.
prereq or coreq: ASTRO 10000
3 hrs
3 cr .

\section*{PHYS 10000 - Basic Concepts of Physics}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E
This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a corequisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.
3 hrs
\(3 c r\).
PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises
```

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

```

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.
prereq or coreq: PHYS 10000
3 hrs
3 cr .

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

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

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

\section*{Hunter Core}

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

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

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

\section*{Hunter Core}

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

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

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

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

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

\section*{Political Science}

\section*{POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B
}

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\section*{Hunter Core}

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

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

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\title{
POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)
}

\author{
Hunter Core \\ Individual and Society (Social Sciences) -I\&S SS \\ GER \\ 2/B or 3/B
}

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 25000 - Comparing Countries (W)}

\section*{Hunter Core}

Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
3/B
Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

\section*{Religion}

\section*{REL 11000 - Nature of Religion (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
\(3 c r\).

\section*{REL 11100 - Approaches to Religion (W)}

\author{
Hunter Core \\ Individual and Society (I\&S) Humanities \\ GER \\ 2/C
}

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20400 - Religious Experience (W)}

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

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20500 - Faith and Disbelief (W)}

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

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20600 - Ideas of God in Contemporary Western Thought (W)}
Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr .
REL 20700 - Religious Sources for Morality (W)

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H

\section*{Pluralism and Diversity}

PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20800 - Religion and Social Justice (W)}

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

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20900 - Religion and Human Rights (W)}

\section*{Hunter Core}

Individual and Society - Humanities
GER
2/C
It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the \(20^{\text {th }}\) century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment-seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 25100 - Asian Religions (W)}

\section*{Hunter Core}

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

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25200 - Ancient Near Eastern Religions (W)}

\section*{Hunter Core}

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

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr .
REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels. prereq: ENGL 12000
3 hrs
3 cr .

REL 25400 - Tribal Religions: From Australia to the Americas (W)

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

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .

REL 25500 - Religions of Two Gods (W)

\section*{Pluralism and Diversity}

PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 25600 - Afro-Caribbean Religions (W)}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/B \\ GER \\ 2/C
}

An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
\(3 c r\).
REL 27000 - Religion and Psychology (W)
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Pluralism and Diversity
PD/D
GER
2/C

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An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Romance Languages}

\section*{FREN 10100 - Elementary French I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
3 cr .

\title{
FREN 24100 - Early French Civilization: From Gothic to Revolution
}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C \\ Conducted in English; readings in English. \\ 3 hrs \\ 3 cr .
}

\section*{FREN 24200 - Modern French Civilization: From Revolution to Present}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C}

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .

\section*{ITAL 10100 - Elementary Italian I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL
10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr .

\section*{ITAL 28000 - The Italian Renaissance: An Introduction}

\begin{abstract}
Hunter Core
Individual and Society
Pluralism and Diversity
PD/D
GER
2/C

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
\end{abstract}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{SPAN 10100 - Elementary Spanish I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
\(3 c r\).

\section*{SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Spanish for native speakers.
3 hrs
3 cr.

\section*{SPAN 24100 - Civilization of Spain, in English}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ GER 2/C PD/D}

An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects. prereq: ENGL 12000
3 hrs
3 cr .

\section*{Sociology}

\section*{SOC 10100 - Introduction to Sociology}

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

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

\section*{Theatre}

\section*{THEA 10100 - Introduction to Theatre}

\section*{Hunter Core \\ Creative Expression (CE) \\ GER \\ 2/D}

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr .

\section*{THEA 21100 - World Theatre I (W)}

\section*{Hunter Core \\ Creative Expression (CE) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C}

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
THEA 21200 - World Theatre II (W)

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

\section*{THEA 21300 - World Theatre III (W)}

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

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

\section*{Urban Studies}

\section*{URBS 10100 - Urban Life: Personal and Observational View (W)}

\section*{Hunter Core}

Individual \& Society - Social Science I\&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
\(3 c r\).

URBS 10200 - Structure of Urban Region (W)

\section*{Hunter Core}

Individual and Society Social Science (I\&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr .

\section*{Women and Gender Studies}

\section*{WGS 10000 - Introduction to Gender and Sexuality Studies}

\section*{Hunter Core}

Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr .

\section*{CUNY Common Core English Composition (EC) 2 courses}

\section*{English Composition I (3 credits)}

\section*{ENGL 12000 - Expository Writing}

\author{
Hunter Core \\ English Comp (EC) \\ GER
}

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

\section*{English Composition 2 (3 credits)}

\section*{AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)}

\begin{abstract}
Hunter Core
English Composition (EC)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{A}\) or B
GER
2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
\end{abstract}
prereq: ENGL 12000
3 hrs
3 cr

\section*{ENGL 22000 - Introduction to Writing about Literature (W)}

\section*{Hunter Core}

English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing. prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr .

\section*{Hunter Core \\ EC}

This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221 develops students' critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.
prereq: ENGL 12000
3 hrs
3 cr.

\title{
CUNY Common Core Individual and Society (Humanities) I\&S H 1 Course
}

\section*{Individual and Society (Humanities) I\&S H 1 Course}

\section*{ARTH 11100 - Introduction to History of Art}

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

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

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3 cr. cr

\section*{ASIAN 21000 - Asians in the U.S.}
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Hunter Core
I\&S
Pluralism and Diversity
PD/B
Critical nterdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.
Recommended for but not required of AASP Minors.
3 hrs
3 cr .

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CHIN 25100 - Topics in Chinese Literature in English Translation (W)

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H

Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{CLA 25000 - Greek and Roman Tragedy (W)}
```

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

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A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

\section*{CLA 25100 - Ancient Comedy (W)}

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

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 25300 - Homer and Vergil (W)}

\section*{Hunter Core}

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

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)
```

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C
Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr.

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\section*{HEBR 29200 - The Hebrew Prophets}
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Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

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Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr

\section*{HUM 11000 - Map of Knowledge (W)}

GER
2/C

Introduction to range of knowledge available in the curriculum. Discusses subject matter and methodology of various disciplines as well as their relations within and across the curriculum to aid students in making intelligent choices in their course of study.
3 hrs
3 cr .

\section*{ITAL 28000 - The Italian Renaissance: An Introduction}

\section*{Hunter Core \\ Individual and Society \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C}

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{JPN 25100 - Japanese Culture Before 1600}
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Pluralism and Diversity
PD/A
GER
2/C

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Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
\(3 c r\)

\section*{PHILO 10100 - Introduction to Philosophy}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

\section*{PHILO 10400 - Introduction to Ethics}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester

\section*{PHILO 20400 - Great Philosophers}

\section*{Hunter Core}

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

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 11000 - Nature of Religion (W)}
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Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C

```

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
\(3 c r\).

\section*{REL 11100 - Approaches to Religion (W)}
```

Hunter Core
Individual and Society (I\&S) Humanities
GER
2/C

```

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20400 - Religious Experience (W)}
```

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

```

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20500 - Faith and Disbelief (W)}
```

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

```

Examination of questions of faith and disbelief in modern Western thought.
```

prereq: ENGL 12000

```

3 hrs
3 cr .

\section*{REL 20600 - Ideas of God in Contemporary Western Thought (W)}
```

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

```

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20700 - Religious Sources for Morality (W)}

\section*{Hunter Core}

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

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20800 - Religion and Social Justice (W)}
```

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

```

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr .

REL 20900 - Religion and Human Rights (W)

\section*{Hunter Core}

Individual and Society - Humanities
GER

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the \(20^{\text {th }}\) century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment - seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
```

prereq: ENGL 12000

```

3 hrs
3 cr .

\section*{REL 25500 - Religions of Two Gods (W)}
```

Pluralism and Diversity
PD/A
GER
2/C

```

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 27000 - Religion and Psychology (W)}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 2/C}

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 15800 - Contemporary Russian Culture}

\author{
Hunter Core \\ Individual \& Society (I\&S) Humanities \\ GER \\ 2/C
}

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka
Theatre.
prereq: ENGL 12000
```

3 hrs
3cr.

```

\section*{RUSS 25000-19th Century Russian Literature in English Translation (W)}
```

Hunter Core
Individual and Society (I\&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C

```

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and
others.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)}
```

Hunter Core
Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A

```

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25200 - Modern Russian Literature in English Translation (W)
```

Hunter Core
Individual and Society (I\&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
3cr.

```

RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity

PD/D
GER
2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 26000 - Russian Women Writers in English Translation (W)}

\author{
Hunter Core \\ I\&S \\ Pluralism and Diversity \\ PD/C \\ GER \\ 3/A
}

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)}

\section*{Hunter Core}

Individual and Society (Social Science) -I\&S SS
GER
2/C

Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr .

\section*{RUSS 29700 - The Russian Urban Novel in English Translation (W)}

\section*{Hunter Core}

I\&S
GER
3/A
The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

\title{
CUNY Common Core Individual and Society (Social Sciences) I\&S SS 1 Course
}

Return to Appendix I: Hunter Core Requirement

\section*{Individual and Society (Social Science) I\&S SS 1 Course}

\section*{AFPRL 10000 - Introduction to Black Politics}
```

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/B
GER
2/B
General survey of politics of African world with major emphasis on politics in Black America.
3 hrs
3cr

```

AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/B
GER
2/B
Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr.

AFPRL 18100 - Language and Ethnic Identity

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

\section*{AFPRL 20500 - African American Politics of Social Change}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/B
GER
2/B

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr .

\section*{AFPRL 26000 - Latinos and US Citizenship}

\section*{Hunter Core}

Individual and Society
Pluralism and Diversity
PD/B
Study of the relationship of US Latinos to the institution of American citizenship through history and examination of major issues today.
3 hrs
3 cr .

\section*{ANTHC 10100 - Introduction to Cultural Anthropology}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

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

\section*{ECO 10000 - Introduction to Economics}

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

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

\section*{ECO 20100 - Principles of Macroeconomics}

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

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy;
inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

\section*{GEOG 10100 - People and Their Environment}

\author{
Hunter Core \\ Individual and Society - Social Science \\ GER \\ 2/B
}

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

3 hrs
3cr.
offered fall and spring.

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\section*{JPN 25100 - Japanese Culture Before 1600}

Pluralism and Diversity
PD/A
GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
\(3 c r\)

\section*{MEDIA 18000 - Introduction to Media Studies}

\section*{Hunter Core \\ Individual \& Society (Social Sciences) - I\&S SS \\ GER \\ 2/C}

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr .

\section*{MHC 15000 - MHC Seminar 2: Peopling of New York (W)}

\author{
Hunter Core \\ Individual and Society (Social Sciences) -I\&S SS \\ Fulfills GER 2B, Social Science: People and Their Societies. \\ prereq: Open only to Macaulay Honors College students. \\ 3 hours \\ 3 credits
}

\section*{PHILO 10600 - Philosophy, Politics and Society}
```

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3cr.
offered each semester

```

\section*{POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)}

\section*{GER}

2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{SOC 10100 - Introduction to Sociology}

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

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

\section*{URBS 10100 - Urban Life: Personal and Observational View (W)}

\section*{Hunter Core}

Individual \& Society - Social Science I\&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
\(3 c r\).

\section*{URBS 10200 - Structure of Urban Region (W)}

\section*{Hunter Core}

Individual and Society Social Science (I\&S SS)
GER
2/B
Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr .

\section*{WGS 10000 - Introduction to Gender and Sexuality Studies}

\section*{Hunter Core}

Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/B
The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr .

\section*{CUNY Common Core Life and Physical Sciences (LPS) 1}

\section*{Course}

\section*{Life and Physical Sciences (LPS)1 course}

\section*{ANTHP 10100 (STEM) - Human Evolution}

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

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

\section*{ANTHP 10500 - The Human Species}

\section*{Hunter Core \\ Life and Physical Sciences (LPS) \\ GER \\ 2/E}

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution
3 hrs
3 cr .

\section*{ASTRO 10200 - Laboratory Explorations in Astronomy}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.
prereq or coreq: ASTRO 10000
3 hrs
3 cr .

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

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

Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

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

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D

\section*{GER}

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 10500 - Introduction to Genome Biology}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
A genome is the total genetic content of an organism. Driven by breakthroughs such as the decoding of the first human genome and rapid DNA-sequencing technologies, biomedical sciences are undergoing a rapid and profound transformation into a highly data-intensive field, which requires familiarity with concepts in both biology and computer science. Genome information is revolutionizing virtually all aspects of biology and medicine and will lead to major advances such as more efficient production of renewable energy, better cures for cancers, and longer and healthier life expectancy. This course will introduce genome-sequencing technologies, explore hundreds of genome projects online, and discuss both the benefits and challenges (e.g., ethical and legal) of the genomic revolution to society.
3 hrs .
3 cr .

\section*{BIOL 10700 - The Human Barcode: Biology and Genetics of Personal Identification}

\section*{Hunter Core}

LPS
An introductory lecture/laboratory course for non-biology majors. This lecture/laboratory course will cover the
techniques used by scientists to analyze how DNA or skin can uniquely lead to a person's identification, and the biological concepts behind them. For example, through the topics that are covered, students will learn how biological evidence like fingerprints and DNA is collected, analyzed, and presented as evidence to solve crimes. Students will learn important biological concepts such as DNA, development, and characteristics of body tissues.
3 hrs
3 cr .

\section*{BIOL 12500 (STEM) - Human Biology}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E w/ lab
}

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

\section*{BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ GER 2/E with lab
}

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

\section*{CHEM 10000 (STEM) - Essentials of General Chemistry Lecture}

\section*{Hunter Core}

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

GER
GER 2/E

Essential facts, laws, and theories of general chemistry.

Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec)
3 cr.

\section*{CHEM 10100 - Inquiries into the Nature of Matter}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) \\ GER \\ GER 2/E
}

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

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

\section*{GER}

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

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

\section*{Pluralism and Diversity}

GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis. Offered for transfer students who have completed only one semester of General Chemistry Laboratory. prereq: One semester of General Chemistry Laboratory. prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400

6 hrs
3 cr .

\section*{CHEM 11100 (STEM) - Chemical Principles}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

\section*{CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry}

\section*{Hunter Core}

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

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\section*{Hunter Core}

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

4 hrs (3 lec, 1 rec\()\)
3 cr.

\section*{CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

\section*{GEOL 10100 - Introductory Geology Lab}

\section*{Hunter Core}

Life \& Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.

\section*{PGEOG 13000 (STEM) - Weather and Climate}

\section*{Hunter Core}

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

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

\section*{PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises}
```

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

```

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.
prereq or coreq: PHYS 10000
3 hrs
\(3 c r\).

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E
For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

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

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

```

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

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

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

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

\section*{CUNY Common Core Math/Quantitative Reasoning (MQR) 1 Course}

Return to Appendix I: Hunter Core Requirement

\section*{Math/Quantitative Reasoning 1 Course}

\section*{CSCI 12100 - Computers and Money: Quantitative Reasoning in Context}

\author{
Hunter Core \\ Math and Quantitative Reasoning (MQR) \\ GER \\ 1/B
}

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics-stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet- based approach to understanding issues of money and personal finance. This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

\section*{ECO 22100 - Economic Statistics}

\section*{Hunter Core}

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

\section*{MATH 10000 - Basic Structures of Mathematics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department
prereq: CUNY Math Proficiency
3 hrs
3 cr .

\section*{MATH 10200 - Mathematics and Everyday Life}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.
prereq: CUNY Math Proficiency
3 hours
3 credits

\section*{MATH 10400 (STEM) - Mathematics for Elementary Education I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.
prereq: grade of C or better in MATH 10100 or appropriate score on the placement exam
3 hrs
3 cr .

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

4 hrs
\(4 c r\).

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

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

\section*{STAT 11300 - Elementary Probability and Statistics}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{STAT 21200 - Discrete Probability}

\section*{Hunter Core}

Math/Quantitative Reasoning

\section*{GER}

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time. prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{CUNY Common Core Scientific World (SW) 1 Course}

Return to Appendix I: Hunter Core Requirement

\section*{Scientific World (SW) 1 Course}

\section*{ANTHP 10100 (STEM) - Human Evolution}

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

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

\section*{ANTHC 12700 - Methods In Archaeological Science}
```

Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3cr.

```

\section*{ASTRO 10000 - Basic Concepts in Astronomy}

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ 2/E
}

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe.
3 hrs .
3 cr .

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior, ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E w/ lab
}

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

\section*{6 hrs}
4.5 cr .
spring only

\section*{BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ \section*{GER} \\ GER 2/E with lab
}

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

\section*{BIOL 17500-Choreographing Genomics}

\section*{Hunter Core}

Scientific World (SW)
This course uses postmodern dance to model biological processes. It is an introductory biology course for non-majors studies in the biological science of molecular genome information through readings, quantitative assignments, movement exercises and artistic lenses. Students explore a detailed examination of heredity and cancer with a focus on contributions of DNA. Students are expected to articulate gene information flow through problem solving, written assignments, oral contributions, and movement forms. Topics covered include the definition of a gene, recombination of genes, the central dogma of genetic flow in a biological system, the 1:1 Pair Rule (Chargaff's rules), DNA sequencing, functional genomics and the relationships of genes to cancer and heredity, as well as ethical issues in medicine.
Each student is in charge of their own body and must recognize that they will have to use their body for assignments and in class participation work.

Students will be required to talk and move in class (comfortable clothes, flat shoes or bare feet, and a yoga mat are required).
Students will have reflective assignments that include written work.
Students will be required to develop visual and movement-based models.
prereq: MATH 10100
3 hrs
3 cr.
spring only

\section*{CHEM 10000 (STEM) - Essentials of General Chemistry Lecture}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E
Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100 .

4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

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

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

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

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

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

\section*{CHEM 11100 (STEM) - Chemical Principles}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

\section*{CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry}
```

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

```

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\section*{Hunter Core}

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

\section*{CSCI 12000 - Introduction to Computers}
```

Hunter Core
Scientific World (SW)
GER
2/E

```

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues.
This course cannot be counted towards the CSCI major
prereq: none
3 hrs
3 cr .

\section*{CSCI 12700 - Introduction to Computer Science}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

\section*{CSCI 13200 - Practical UNIX and Programming, with Lab}

\section*{Hunter Core}

Scientific World (SW)

\section*{GER}

2/E

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

\section*{CSCI 13300 - Programming for Everyone}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other
application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr.

\section*{ECO 20000 - Principles of Microeconomics}

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ 2/B
}

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

\section*{GEOL 10000 - Introductory to Geology}

\author{
Hunter Core \\ Scientific World (SW) \\ \section*{GER} \\ 2/E
}

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

\section*{GEOL 10500 - Introduction to Environmental Geoscience}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E (Non lab course)
Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
\(3 c r\).
GEOL 18000 - Introduction to Oceanography
```

Hunter Core
Scientific World (SW)
GER
2/E

```

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr .
Offered fall and spring

\section*{MHC 20000 - MHC Seminar 3: Science and Technology (W)}

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ GER 3B \\ prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College campus \\ 3 hours \\ 3 credits
}

\section*{PGEOG 13000 (STEM) - Weather and Climate}

\section*{Hunter Core}

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

\section*{GER}

2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

\section*{PHILO 17000 - Introduction to Logic and Scientific Method}

\section*{Hunter Core}

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic;
evaluation of arguments central to empirical science.
3 hrs.
3 cr .

\section*{PHYS 10000 - Basic Concepts of Physics}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a corequisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.
3 hrs
3 cr .

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

\section*{Hunter Core}

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

First semester of two-semester introductory physics course using algebra. prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

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

\section*{Hunter Core}

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

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

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

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

```

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

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

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

```

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

\section*{CUNY Common Core US Experience in its Diversity (USED) 1 Course}

Return to Appendix I: Hunter Core Requirement
US Experience in its Diversity (USED)

\section*{ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)}

\section*{Hunter Core}

US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.
prereq: ENGL 12000
3 hrs
3 cr .
HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)

\section*{GER}

1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.

Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 15200 - The United States from the Civil War Era to the Present (W)

\section*{Hunter Core}

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

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

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\section*{Hunter Core}

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

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

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{CUNY Common Core World Cultures \& Global Issues (WCGI) 1 Course}

Return to Appendix I: Hunter Core Requirement
World Culture and Global Issues (WCGI) 1 Course
AFPRL 18200 - Culture and Ethnic Identity

Hunter Core
World Culture and Global Issues (WCGI)

\section*{AFPRL 20200 - African History Since 1600 CE}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Main currents of African history from 1600 CE to present
3 hrs
3 cr .

\section*{AFPRL 20100 - African History from Human Origins to 1600 CE}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

```

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr .

\section*{AFPRL 20900 - Introduction to Caribbean History to 1900}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 21000 - Introduction to Caribbean History: 1900 - Present}
```

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

```

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 22200 - African Civilization}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Introduction to study of African civilization.
3 hrs
cr.

```

\section*{AFPRL 24300 - Puerto Rican Culture}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

```

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr.

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ \section*{GER} \\ 2/B
}

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

\section*{ANTHC 15100 - Introduction to Linguistics}

\author{
Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B
}

Structure and analysis of human languages; language history; language in society, culture and mind; language
universals.
3 hrs
3 cr .

\section*{ARB 10100-Beginning Arabic I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr.

\section*{ARB 14800 - Beginning Arabic for Heritage Speakers}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head
3 hrs
3 cr.

\section*{ARB 25200 - Literatures from the Islamic World (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7 th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25300 - Literatures and Cultures of Muslim Spain (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{CHIN 10100 - Elementary Chinese I}
```

Hunter Core
World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr.
offered fall

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\section*{CHIN 11100-Chinese Culture I}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3cr.

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\section*{CHIN 11200 - Chinese Culture II}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
cr.

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\section*{CLA 10100 - Classical Mythology}
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr .

\section*{CLA 11000 - The Greek and Latin Roots of English}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr .

\section*{CLA 20100-Greek Civilization (W)}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

```

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics. prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 20300 - Roman Civilization (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr .

CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
```

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

```

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr.

\section*{FREN 10100 - Elementary French I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
3 cr.

\section*{FREN 24100 - Early French Civilization: From Gothic to Revolution}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr .

\section*{FREN 24200 - Modern French Civilization: From Revolution to Present}
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr.

\section*{GERMN 10100 - Elementary German I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.

GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{GRK 10100-Beginning Greek}
```

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement. 3 hrs
3 cr .
offered fall

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\section*{HEBR 10100 - Elementary Hebrew I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 101 not credited without HEBR 102.
HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
\(3 c r\).

\section*{HEBR 10500 - Elementary Biblical Hebrew I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.
Not credited without HEBR 10600
3 hours
3 credits

\section*{HEBR 22100 - Modern Israeli Culture}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

\section*{HEBR 22200 - Introduction to Jewish Texts and Writings}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120

3 hours
3 credits

\section*{HEBR 24000 - Introduction to the Old Testament}

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

\section*{HEBR 25900 - Old Testament Religion}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

\section*{HEBR 29000 - Biblical Archaeology}

\section*{Hunter Core}

Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr
HEBR 29500 - Ancient Hebrew Law
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

\section*{HIST 11100 - World History to 1500}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

\section*{HIST 11200 - World History from 1500 to the Present}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B
}

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.
HIST 12100 - Early Modern Europe 1500 to 1815

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/B}

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 12200-19th and 20th Century Europe (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/D
GER
2/B
Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 20800 - History of the Jews}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/B}

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

\section*{HIST 27700 - East Asia to 1600}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
\(3 c r\).

\section*{HIST 27800 - East Asia, 1600 to the Present}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{ITAL 10100 - Elementary Italian I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL
10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr .

\section*{JPN 10100 - Elementary Japanese I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation.
JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr .

LAT 10100 - Beginning Latin

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr.
offered fall

\section*{POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B}

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 25000 - Comparing Countries (W)}

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

\section*{PORT 10100 - Elementary Portuguese I}

\author{
Hunter Core \\ WC \\ Elementary Portuguese. Language Lab \\ PORT 10100 not usually credited without PORT 10200 \\ 3 hrs \\ 3 cr.
}

REL 25100 - Asian Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr .
REL 25200 - Ancient Near Eastern Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old
Testament).
prereq: ENGL 12000
3 hrs
3 cr .

REL 25300 - Abrahamic Religions (W)
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3cr.

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REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .
REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25700 - Religions of Ancient Central and South America (W)}

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .

The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 25800 - Religions of Ancient Europe (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 10100 - Elementary Russian}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement. 2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 15700 - The Age of the Great Masters}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25500 - Russian Folklore, in Translation (W)
Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/D
GER
2/C

Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{SPAN 10100 - Elementary Spanish I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Spanish for native speakers.
3 hrs
3 cr .

\section*{SPAN 24100 - Civilization of Spain, in English}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/D
An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{List of Approved Courses for the Writing Requirement}

\section*{Writing Requirement}

Students matriculating with fewer than 31 credits must take three courses in significant writing \(\mathbf{W}\)-designated courses at Hunter College. Transfer students matriculating with 31 to 59 credits must take at least two \(\mathbf{W}\)-designated courses at Hunter College. Transfer students matriculating with 60 to 90 credits must take at least one \(\mathbf{W}\)-designated course at Hunter College. (ENGL 120 does not count as \(\mathbf{W}\)-designated course.)

Note: Specific sections of courses containing significant writing are listed with a \(\mathbf{W}\) designation in the Schedule of Classes. Please note that not all sections of a course are necessarily offered with significant writing. To satisfy the Writing Requirement a section designated as \(\mathbf{W}\) in the Schedule of Classes must be taken.

\section*{Africana and Puerto Rican/Latino Studies}

\section*{AFPRL 23500 - African Literature (W)}
```

Pluralism and Diversity
PD/A
GER
2/A
Introduction to contemporary African literature originally written in English. The course is conducted in English; all
course requirements are in English.
prereq: ENGL 12000
3 hrs
cr.

```
AFPRL 23600 - African American Literature (W)
Pluralism and Diversity
PD/B
GER
2/A

Introduction to African American writing, from earliest expressions to present.
prereq: ENGL 12000
3 hrs
3 cr .

AFPRL 23700 - African Caribbean Literature (W)

Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)}

\author{
Hunter Core \\ English Composition (EC) \\ Pluralism and Diversity \\ PD/A or B \\ GER \\ 2/A
}

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
```

prereq: ENGL 12000
3 hrs
3cr

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\section*{AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)}
Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century. prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr .
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```
Pluralism and Diversity
```

Pluralism and Diversity
PD/B
PD/B
GER
GER
3/B

```
3/B
```


## AFPRL 30600 - Modern African International Relations (W)

```
Pluralism and Diversity
PD/A
GER
3/B
Factors affecting relations among African states and between African and non-African states within international system.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr .
```


## AFPRL 30700 - Contemporary African Politics (W)

GER
3/B
Study of post-independence nationalism, political systems, regional and inter-nation cooperation of African nations. prereq: AFPRL 20600 or perm instr.
3 hrs
$3 c r$.
AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

GER
3/B
Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 30900 - African-Americans and Africa (W)

```
Pluralism and Diversity
PD/A or B
GER
3/B
Major evidence of Black American involvement and interest in Africa from 1775 to present.
prereq: AFPRL 20300 or 20400
3 hrs
3cr.
```


## AFPRL 31000 - Modern Nigeria (W)

## GER

3/B

Detailed study of the historical development of modern Nigeria from the late 19th century to the present. prereq: perm instr.
3 hrs
3 cr .

## AFPRL 31300 - Slavery (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Historical overview of slavery from Africa to the Americas.
prereq: AFPRL 20300 or 20900 or perm instr.
3 hrs
3 cr .

## AFPRL 31400 - Blacks in Labor and Politics (W)

## GER

3/B

Black labor from emancipation to present. Emphasis on period between New Deal and present.
prereq: AFPRL 20400 or 20500 or perm instr.
3 hrs
3 cr .

## AFPRL 31800 - Women in Africa (W)

Pluralism and Diversity
PD/C
GER
3/B

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
cross-listed WGSC 31800 (A Writing-intensive Course)
prereq: AFPRL 20200 or 22200 or perm instr.
3 hrs
3 cr .

## AFPRL 31900 - Women in the African Diaspora (W)

## Pluralism and Diversity <br> $\mathrm{PD} / \mathrm{B}$ or C <br> GER <br> 3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 32000 - African-Caribbean Culture (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
3/A

Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr .

## AFPRL 32100-Caribbean Migration and New York City (W)

## Pluralism and Diversity <br> $\mathrm{PD} / \mathrm{A}$ or B <br> GER <br> 3/B

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr
AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)

Pluralism and Diversity
PD/A
GER

Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

## AFPRL 32300 - Islam and Christianity in Africa (W)

GER
3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

## AFPRL 32400 - African-American Ethnohistory (W)

Ethnohistorical survey of development of Black culture in the diaspora; reinterpretation of African forms in Western European environment.
prereq: AFPRL 22000 or perm instr.
3 hrs
3 cr .
AFPRL 33000 - Autobiography as a Theme in Black Literature (W)

## GER

3/A
Treatment of autobiographical works of Black authors in U.S., Caribbean and Africa during 19th and 20th centuries. prereq: AFPRL 23600 or perm instr
3 hrs
3 cr .

## AFPRL 33600 - African-American Women Writers (W)

## Pluralism and Diversity

PD/C
GER
3/A
African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books. cross-listed WGS 33600 (W)
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr .

## AFPRL 33700 - Caribbean Women Writers (W)

## GER

3/A
A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

## AFPRL 34200 - Political Nationalism in Puerto Rico (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy. prereq: AFPRL 24200 or perm instr.
3 hrs
$3 c r$.

## AFPRL 35100 - Major Puerto Rican Figures (W)

## Pluralism and Diversity <br> PD/A or B <br> GER <br> 3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr .

## AFPRL 35200 - Power Structure in Puerto Rico (W)

## GER

3/B

Social analysis of class divisions, role of the economy and the United States presence in Puerto Rico. prereq: AFPRL 24300 or 27000
3 hrs
3 cr .
AFPRL 35500-The African Image in 19th and 20th century Spanish Antillean Poetry (W)

Pluralism and Diversity
PD/A
GER
3/A

The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.
prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish
3 hrs
3 cr.

## AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B
GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr .

## AFPRL 36000 - Politics in Puerto Rico (W)

GER
3/B

Analysis of the political status issue, development of political parties, national leadership and participation.
prereq: AFPRL 24200 or 34200 or perm instr.
3 hrs
3 cr.

## AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)

Pluralism and Diversity
PD/A or B
GER
3/A

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3 cr .

AFPRL 37000 - Sociolinguistic Fieldwork in Black and Puerto Rican/Latino Speech Communities (W)

GER
3/B

Sociolinguistic theory applied to linguistic varieties spoken in African American, African- Caribbean, Puerto Rican and other Latino communities.
prereq: AFPRL 18100 or ANTHC 15100
3 hrs
3 cr .

## AFPRL 38400 - Poverty in Society (W)

## GER

3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr .

## AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

## Pluralism and Diversity

PD/B
GER
3/B
An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
$3 c r$.

## AFPRL 39000-Research Topics in Africana and Puerto Rican/Latino Studies (W)

## GER

3/A or B

Topics change according to instructor.
Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
3 hrs
3 cr .

## Anthropology

## ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)

## Hunter Core

US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.
prereq: ENGL 12000
3 hrs
3 cr .

## ANTHC 21500 - The Anthropology of Black America (W)

## Pluralism and Diversity <br> PD/B <br> GER <br> 3/B

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr .

## ANTHC 27500 - Reading Ethnographies (W)

## GER

3/B
Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

Art

## ARTH 30000 - Research Methods of Art History Seminar (W)

## GER

3/A
Training in fundamental methods of learning and writing about works of art through visual analysis and art-historical research, focusing on a particular area in art history, and culminating in a substantial academic research paper.
prereq: ARTH 11100 and one 200-level art history course
3 hrs
3 cr .

## ARTH 31100 - Special Topics Lecture in Ancient Art (W)

```
Pluralism and Diversity
P/D D
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100, and two 200-level art history courses

3 hrs
3 cr .

## ARTH 32100 - Special Topics Lecture in Medieval Art (W)

```
Pluralism and Diversity
P/D D
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 33100 - Special Topics Lecture in Renaissance Art (W)

```
Pluralism and Diversity
P/D D
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 34100 - Special Topics Lecture in Baroque Art (W)

```
Pluralism and Diversity
P/D D
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 35100 - Special Topics Lecture in Modern Art (W)

GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

```
prereq: ART 11100 and two 200-level art history courses
```

3 hrs
$3 c r$.

## ARTH 36100 - Special Topics Lecture in Islamic Art (W)

```
Pluralism and Diversity
P/D A
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 37100 - Special Topics Lecture in Asian Art (W)

```
Pluralism and Diversity
P/D A
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 38100 - Special Topics Lecture in Art History (W)

## GER

3/A
Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level courses
3 hrs
3 cr .

## Asian American Studies

## ASIAN 22100 - Introduction to Writing About Asian American Literature (W)

## Hunter Core

EC
This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221
develops students' critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.
prereq: ENGL 12000
3 hrs
3 cr .

## ASIAN 22500 - Asian American Art (W)

## Pluralism and Diversity <br> P\&D B <br> Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.

prereq: ENGL 12000
3 hrs
3 cr .

## Biological Sciences

## BIOL 25000 - Current Topics in the Biosciences (W)

## GER

3/B
Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.
prereq or coreq: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr
3 hrs
3 cr.
fall only

## Classical and Oriental Studies

## Arabic Division

## ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

## ARB 25200 - Literatures from the Islamic World (W)

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

A survey of literary genres and themes from the Islamic World from the 7 th to the 15 th century. prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25300 - Literatures and Cultures of Muslim Spain (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25400 - The Arabian Nights East and West (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

## Chinese Division

CHIN 25100 - Topics in Chinese Literature in English Translation (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3cr.
```


## CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr .

## CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A
Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr .

## Classics Division

## CLA 20100-Greek Civilization (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics. prereq: ENGL 12000
3 hrs
3 cr .

CLA 20200-Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000, CLA 20100 or 20400
3 hrs
3 cr.

## CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .
CLA 22100-Greek Archaeology (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLA 20400
3 hrs
3cr.
CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)
Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii
and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr.
fall only
```


## CLA 22500 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

CLA 22700 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

CLA 25000-Greek and Roman Tragedy (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H

Pluralism and Diversity
PD/D
GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

## CLA 25100 - Ancient Comedy (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 25300 - Homer and Vergil (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

## CLA 25400 - The Ancient Novel in Translation (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale. prereq: ENGL 22000 or perm instr.
3 hrs
$3 c r$.
CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

## Pluralism and Diversity

PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr .

## CLA 30300-Religion of Ancient Greece (W)

## Pluralism and Diversity <br> GER 3/A <br> The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice. prereq: ENGL 12000, CLA 10100 or 20100 <br> 3 hrs <br> 3 cr .

## CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER
3/A
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class. cross-listed WGSC 30500 (W) prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 30800 - Magic and Science in the Ancient World (W)

GER
3/A
The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 31000 - Ancient Sports and Spectacles (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts. prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 32200 - Archaeology of Mesopotamia and Iran (W)

## Pluralism and Diversity

PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .
Hebrew Division
HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom. 3 hrs
3 cr.
HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr
HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
$3 c r$
HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

## GER

3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

Japanese Division
JPN 26100 - Special Topics in Japanese Culture

Pluralism and Diversity
PD/A
GER
2/C

Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## Russian Division

## RUSS 25000-19th Century Russian Literature in English Translation (W)

```
Hunter Core
Individual and Society (I&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and
others.
prereq: ENGL 12000
3 hrs
3cr.
```

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25200 - Modern Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I\&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al. prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25300 - Russian Theater in English Translation (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity

PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25500 - Russian Folklore, in Translation (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
$3 c r$.

## RUSS 26000 - Russian Women Writers in English Translation (W)

## Hunter Core

I\&S
Pluralism and Diversity
PD/C
GER
3/A
The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. cross-listed WGSA 26000 (W)
prereq: ENGL 12000

3 hrs
3 cr .

## RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)

## Hunter Core

Individual and Society (Social Science) -I\&S SS
GER
2/C
Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr .

## RUSS 29400 - Folklore and Literature (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A
```

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes. prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 29600 - Vladimir Nabokov Between Two Cultures

## Hunter Core

Creative Expression (CE)
GER
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.
prereq: ENGL 22000 or perm dept.
3 hrs
$3 c r$.
RUSS 29700 - The Russian Urban Novel in English Translation (W)

Hunter Core
I\&S
GER

The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.

## RUSS 27100 - East European Cinema (W)

## Pluralism and Diversity <br> PD/ D

The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the films and discuss how various aesthetic and ideological approaches to filmmaking inform the cinema practice over time. The course will combine screening of East European films and class discussion of issues raised in these films. All students are expected to complete the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on the course blackboard after the film screenings. Informed class participation is strongly encouraged and will positively affect your final term grade.
prereq: ENGL 12000. The exams in this course consist of essay writing.
3 hrs.
3 cr .

## RUSS 29500 - The Vampire in Lore and Literature (W)

## Hunter Core <br> Creative Expression (CE) <br> GER <br> 2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the $21^{\text {st }}$ century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr .

## Community Health

## COMHE 30300-Social Structure and Health (W)

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr.

## Educational Foundations

## SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr .

## English

## ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core<br>English Comp (EC)<br>GER<br>2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr .
ENGL 25500 - Topics in Non-European Literary Traditions (W)

```
Pluralism and Diversity
PD/A
GER
3/A
```

Each course examines literature written in the English language by writers in non-European traditions. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25600 - Topics in Literature by Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Each course is an examination of one or more of the following groups: African Americans, Asian Americans, Latino Americans, Native Americans and Caribbean Americans. May be repeated once for credit with a different topic. prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 25800 - Topics in Literature by Women (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Selected works by women written in English will be studied with emphasis on the diversity of women's lives and the effect of gender on experience. May be repeated once for credit with a different topic.
cross-listed WGS 25800 (W)
prereq: ENGL 22000
3 hrs
cr.
```


## ENGL 30200 - Introduction to Literary Analysis (W)

## GER

3/A

Study of selected authors, works, genres, or time periods emphasizing various modes of critical analysis and methods of research.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 30600 - Literary Theory (W)

## GER

3/A

Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A
Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P\&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English. prereq: ENGL 22000
3 hrs
3 cr .
[not all sections]

## ENGL 35500 - Topics in Shakespeare (W)

## GER

3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme prereq: ENGL 22000
3 hrs
3 cr .
ENGL 37300 - Victorian Literature (W)

Pluralism and Diversity
PD/D

GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include.
Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A
Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39000 - Topics in 20th Century Literature (W)

GER
3/A

Selected works from the 20th century originally written in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.
prereq: ENGL 22000

3 hrs
3 cr

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## Film and Media Studies

## FILMP 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr.

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 27600
4 hrs
3 cr.

## MEDIA 21100 - News Literacy in a Digital Age (W)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of print, TV, radio, web and social media stories. We will also study the First Amendment, the underpinnings of an independent press and the consequences of censorship.
prereq: ENGL 12000, MEDIA 18000
3 hrs
$3 c r$.

MEDIA 31400 - Public Relations: Theory and Practice (W)

## GER

3/A

An examination of principal techniques and strategies in public relations, including critical analysis of its social uses. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000 \& MEDP 20100

3 hrs
3 cr .

## MEDIA 37300 - Journalism as Literature

## GER

3/A

An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39800 - Complex Television Narratives (W)

This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.
prereq: MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor
3 hrs
3 cr.

## MEDP 23900 - Entertainment Journalism (W)

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 29000 - Developing the Documentary (W)

This workshop guides students through the research, writing and production planning essential for creating a video or film documentary.
prereq: MEDIA 18000 and MEDP 16000
3 hrs
3 cr .

## MEDP 20100 - Reporting and Writing I (W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDP 20200 - Reporting and Writing 2(W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.
prereq: MEDP 20100
3 hrs
3 cr.

## MEDP 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.
prereq: MEDP 20100
3 hrs
3 cr

## MEDP 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
prereq: MEDP 20100
3 hrs
3 cr.

MEDP 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce a community newspaper and on-line news outlet serving underserved neighborhoods. This class may be repeated once for credit.
prereq: MEDP 20100 or permission of instructor
3 hrs
3 cr.

## German

## Pluralism and Diversity

PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## GERMN 24100 - German Fairy Tales in Translation (W)

## Hunter Core

Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairystory traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
*No "W" designation when offered in Winter Session

## GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945 (W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust.
prereq: ENGL 12000
3 hrs
3 cr .

History

## HIST 12200-19th and 20th Century Europe (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 15100 - The United States from the Colonial Era to the Civil War (W)

```
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.
```

HIST 15200 - The United States from the Civil War Era to the Present (W)
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
American political, social and cultural history from the Civil War to the present.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 21100-Medieval Civilization (W)
Pluralism and Diversity
PD/D
Social, institutional and cultural history of Western Europe from the late Roman period to the Black Death in the mid-
14th century.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 120
3 hrs
3 cr .
HIST 30000 - Historical Research (W)
GER
3/B
Independent research related to a prior upper-level course already completed under the supervising instructor. The
research will result in an extensive paper.
Courses at the 300-level and above not offered to freshmen.
prereq: HIST 29000 and departmental permission
3 hrs
3 cr .
HIST 31400 - Ancient and Medieval Christianity (W)

## Pluralism and Diversity

PD/D
GER
3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 31800 - History of the American Working Class (W)

Pluralism and Diversity
PD/D
GER
3/B
History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 31900 - Jewish History in the Medieval and Early Modern Periods (W)

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from late antiquity to the 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000

3 hrs
3 cr .

## HIST 32400 - Europe in the Age of Renaissance and Reformation (W)

```
Pluralism and Diversity
PD/D
GER
3/B
European life and society in early modern era. Religious, political, economic and social change. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
```

HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)

GER
3/B
The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 33800 - History of Italy (W)

Pluralism and Diversity
PD/D
GER
3/B

Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 35400-The American Colonies in the 17th Century (W)

## GER

3/B
Comparative treatment of settlement in the Spanish, Portuguese, French, Dutch and English colonies.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 35500 - The American Colonies in the 18th Century (W)

## GER

3/B

Social, political and cultural changes.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 35700 - American-Jewish History (W)

Pluralism and Diversity
PD/D
GER
3/B
Development of the American Jewish community; economic, political and social integration; cultural adaptation. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 35800-20th Century United States (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

Leading personalities and domestic problems of the U.S. Since 1900.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
$3 c r$.

## HIST 37300 - History of the Ottoman Empire (W)

Pluralism and Diversity
PD/A
GER
3/B
This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the $12^{\text {th }}$-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.
prereq: ENGL 12000
3 hrs
3 cr .

## HIST 38300 - Problems in U.S. History (W)

```
GER
3/B
Intensive reading and research in selected topics.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.
```

HIST 38400 - Problems in European History (W)
GER
3/B
Intensive reading and research in selected topics.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more selfdirected, substantial and independent historical research projects in the future.
prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr .

HIST 34600-Churchill's Britain (W)

GER
3/B

The history of Britain and its empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century.The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.
Courses at the 300 -level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .
HIST 33600 - History of 20th-Century Germany (W)

Pluralism and Diversity
PD/D

An introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past. This course is an introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.
prereq: ENGL 12000; Not offered to freshmen.
3 hrs
3 cr.

## Humanities Interdisciplinary

## HUM 11000 - Map of Knowledge (W)

GER
2/C

Introduction to range of knowledge available in the curriculum. Discusses subject matter and methodology of various disciplines as well as their relations within and across the curriculum to aid students in making intelligent choices in their course of study.
3 hrs
$3 c r$.

## Human Rights

## HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

## Pluralism and Diversity

PD/D
GER
3/B
An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.
prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.
3 hrs
3 cr.
fall and spring; summer when possible

## HR 26000 - Human Rights Internship Seminar (W)

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.
prereq: ENGL 12000 and HR 20000
prereq or coreq: HR 25000
3 hrs
3 cr .
fall semesters on Wednesdays, 10:10 a.m. - 1:00 p.m. It is recommended that students not take an earlier Wednesday
morning class, as site visits off campus may start at 10:00 a.m.

## HR 35000 - Human Rights Capstone Seminar (W)

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a 20-25 page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.
prereq or coreq: HR 26000
Offered spring 2012; not offered fall 2011

## Macaulay Honors College (a/o fall 2001)

## MHC 10000 - MHC Seminar 1, The Arts in New York City (W)

## Hunter Core

Creative Expression (CE)
Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre
prereq: Open to Macaulay Honors College students only
3 hours
3 credits

## MHC 15000 - MHC Seminar 2: Peopling of New York (W)

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Fulfills GER 2B, Social Science: People and Their Societies.
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits

## MHC 20000 - MHC Seminar 3: Science and Technology (W)

```
Hunter Core
Scientific World (SW)
GER
GER 3B
prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College
campus
3 hours
3 credits
```


## MHC 25000 - MHC Seminar 4: Shaping the Future of New York City (W)

```
Pluralism and Diversity
Macaulay Honors College
Fulfills GER 2B, Social Science: People and their Societies
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits
```

Mathematics and Statistics

MATH 37600 - Philosophy of Mathematics (W)

GER
3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. Cross-listed as PHIL 37600.
prereq: ENGL 12000; PHIL 10100, MATH 27500
3 hrs
3 cr .

Music

MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800 .
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

## MUSHL 21000 - Music for the Piano (W)

Pluralism and Diversity
GER 3/A PD/D
Piano literature from the 18 th century to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20000, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 21200 - Masterpieces of Opera (W)

Pluralism and Diversity
PD/D
GER

## 3/A

Study of operatic styles of such composers as Mozart, Verdi, and Wagner.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 21700 - History of Jazz (W)

Pluralism and Diversity
PD/B
GER
3/A

Survey of jazz from its origins to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 22100 - Black Music in the Americas (W)

Pluralism and Diversity
PD/B
GER
3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general. prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr. 3 hrs
3 cr .

## MUSHL 23100 - Folk and Traditional Music (W)

## GER

3/A

Study of ethnic music of selected cultures.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 24000 - Music of the Caribbean and Latin America (W)

```
Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and
other parts of the world.
prereq: ENGL 12000; one of the following:MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3cr.
```


## MUSHL 24100 - Music of Asia (W)

```
Pluralism and Diversity
PD/A
GER
3/A
```

Music and its relationship to dance and drama in the major civilizations of East Asia, Southeast Asia, South Asia, Central Asia, and the Middle East.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 24500 - Music of Africa (W)

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/A

Introduction to traditional and popular African music and performance practices. Theoretical and methodological issues as defined by ethnomusicology.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 25000 - Women and Music (W)

Pluralism and Diversity
PD/C
GER
3/A
An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed WGSA 25000 (W)
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000, or perm. Instr. 3 hrs
3 cr .

## MUSHL 25200 - Film Music (W)

## GER

3/A
Introduction to the history, aesthetic, form and techniques of film music, for everyone interested in film or film music, from the casual viewer of television movies and videotapes to film and music majors.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 26100 - Special Topics in History and Literature of Music (W)

```
Pluralism and Diversity
PD/A or B or C
GER
3/A
Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times. Depending on topic, may satisfy PD.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.
```


## MUSHL 30500 - Music History III (W)

```
Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
```


## MUSHL 30600 - Music History IV (W)

```
Pluralism and Diversity
PD/D
Central issues in the history of European music, such as the role of patronage in musical culture, relationships of
musical style to instruments and performing ensembles, and the impact of historical consciousness on contemporary
musical life.
prereq: MUSHL 30500
3 hrs
cr.
offered spring
```


## MUSHL 35200 - Introduction to Ethnomusicology I (W)

```
Pluralism and Diversity
PD/A
Survey of musical traditions of sub-Saharan Africa, Europe, and the Americas.
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
cr.
```


## MUSHL 35300 - Introduction to Ethnomusicology II (W)

```
Pluralism and Diversity
PD/A
Survey of musical traditions of North Africa, the Middle East, Oceania, and South and East Asia.
prereq: MUSTH 22100,23100 or perm instr; ENGL 12000
3 hrs
3cr.
```


## MUSHL 36100 - Special Topics in History and Literature of Music (W)

Specialized study of selected genre, locality, period, style, composer, or problem. Topics to be announced. May be taken 6 times.
prereq: ENGL 12000, variable music courses
3 hrs
3 cr .
Philosophy

## PHILO 20100-Knowledge and Reality (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21400-Medieval Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 21800 - Revolutions in Modern Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
```


## PHILO 21900-Chinese Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of $20^{\text {th }}$ century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
$3 c r$.
PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.
prereq: ENGL 10000 and one course in Philosophy
3 hrs
3 cr.

PHILO 22300 - Neoplatonism (W)

Pluralism and Diversity
PD/D
GER
3/A

A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22800 - Existentialism (W)

## Pluralism and Diversity

PD/D
GER
3/A

Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications. cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
```

PHILO 24400 - Moral Philosophy (W)

## GER

3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 24600 - Political Philosophy (W)

GER
3/B
Study of selected philosophical problems in politics, law, economics and society. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 24800 - International Ethics (W)

## GER

3/B
Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr .

## PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

## GER

3/B

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Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
```

PHILO 25600 - Philosophical Ideas in Literature (W)

GER
3/A

Analysis of major philosophical themes in some classics of world literature.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25800 - Aesthetics (W)

GER
3/A

Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 26200 - Philosophy of Religion (W)

GER
3/A

Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr .

## PHILO 26800 - Philosophical Psychology (W)

## GER

3/B
Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 27000 - Philosophy, Science and Culture (W)

## GER

3/B
Issues relating to the impact of modern science on philosophy, religion and culture.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 32000 - Twentieth-Century Philosophy (W)

## GER

3/A
Survey of such movements as pragmatism, process philosophy, analytic philosophy, existentialism, phenomenology, feminism and post modernism through consideration of such representative figures as Dewey, Moore, Whitehead, Russell, Husserl, Heidegger, Wittgenstein, Ayer, Sartre, De Beauvoir, Quine, Rorty and Rawls. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 34400 - Contemporary Theories in Ethics (W)

## GER

3/A
A study of important theories in contemporary ethics, such as rule utilitarianism, intuitionism, prescriptivism, and constructivism.
prereq: 2 courses in philosophy, 1 at the 200-level.
3 hrs
3 cr
PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

## PHILO 37600 - Philosophy of Mathematics (W)

## GER

3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.
prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
3 cr .

## PHILO 37900 - Philosophy of Science (W)

## GER

3/B

Study of foundations of knowledge in natural and social sciences. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 38000 - Major Figures in Philosophy (W)

## GER

3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

## Physics and Astronomy

## PHYS 39900 - Senior Thesis (W)

This course is to prepare the students for graduate research. Each student will undertake a research experience, experimental, theoretical, and/or computational, under the supervision of a department faculty member. A final oral as well as written report will be required. The goals are that the student learns research skills in physics, written and oral communication skills, while furthering their knowledge in a topical area in physics.
prereq: PHYS 11100, 12100
prereq or coreq: ENGL 12000, and at least four 200-, 300-, or 400-level physics courses 3 cr.

## Political Science

## POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 11000 - American Government: A Historical Introduction (W)

Hunter Core<br>US Experience in its Diversity (USED)<br>\section*{GER}<br>1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent

3 hrs
3 cr .

## POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 20100 - Ancient to Early Modern Political Thought (W)

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Pluralism and Diversity
PD/D
GER
3/B
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The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 20200 - Modern Political Thought (1600-1900) (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 20300 - Political Thought Since 1900 (W)

## Pluralism and Diversity

PD/D
GER
3/B
Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political
theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 20600 - Research Design in Political Science (W)

## GER

3/B

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 20700 - Data Analysis in Political Science (W)

## GER

3/B

Computer applications and statistical analysis in political science. Students write a quantitative term paper. Uses Social Science Data Lab.
prereq: POLSC 20600 or perm instr.
3 hrs
3 cr .

POLSC 20900 - Women and Gender in Western Political Thought (W)

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Pluralism and Diversity
PD/C or D
GER
3/B
Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
3cr.
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POLSC 21100 - State Government and Politics (W)
GER
3/B

Comparative analysis of state governments. Power and role of governors, state legislatures, parties, lobbies. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

GER
3/B

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 21500 - Public Opinion and Political Participation (W)

## GER

3/B

What American people think about politics and how they express it, from polls to elections to demonstrations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 21800 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes. cross-listed WGSP 21800 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C
GER
3/B

Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 22100 - U.S. Immigration Policy (W)

Pluralism and Diversity
PD/B -or- PD/C
GER
3/B
The course focuses on the political development of federal immigration policy, and on historical and contemporary
issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.
prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr.

## POLSC 22600 - Interest Group Politics (W)

## GER

3/B

Analysis of the organization and role of interest groups in American politics. The course stresses the importance of organizational resources and the ability of interest groups to be "faithful advocates" of member interests in exercising influence in elections and policy-making.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

## POLSC 22700 - Political Parties (W)

## GER

3/B
Theories, historical analysis, and contemporary views of the central institution that links citizens and office holders in the United States, with a focus on the role of parties as vehicles for expressing and pursuing policy goals.

Not open to students who completed POLSC 21400
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 22800 - Protest Movements in American Politics (W)

Pluralism and Diversity
P/D B or C
GER
3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements. prereq: ENGL 12000 or equivalent
3 hrs
3 cr .
POLSC 23000-The American Presidency (W)

GER
3/B
Selection, election, role, functions and powers of the president.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 23500 - The American Congress (W)

## GER

3/B
Legislation and policy-making process. Congressional organization, functions and behavior. Lobbies, parties, leaders. prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.

## POLSC 24000 - The American Judiciary (W)

## GER

3/B
The Supreme Court and other federal courts as part of policy-making process in American government.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 24400 - Energy and Environmental Politics and Public Policy (W)

GER
3/B

Examination of political processes and public policies shaping energy production and consumption in the U.S. with comparative reference to other countries. Emphasis on political, economic, social, environmental and foreign policy aspects.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 25000 - Comparing Countries (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
$3 c r$.

## POLSC 25100 - Politics of Africa, Asia and Latin America (W)

## GER

3/B

An examination of the nature of governance and politics in Africa, Asia and Latin America. Through in-depth study of several countries, students explore topics and concepts such as political culture, modernization, development, dependency, democracy, political leadership and the processes of policy making.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 25300 - Government and Politics in Latin America (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 25400 - Government and Politics in Western Europe (W)

Pluralism and Diversity
PD/D
GER
3/B
Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 25500 - Government and Politics of Japan and Korea (W)

Pluralism and Diversity
PD/A
GER
3/B
Political, social and economic institutions of Japan and Korea; their domestic politics and relations with the world. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

Pluralism and Diversity
PD/A
GER
3/B

Chinese politics, institutions and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 26000 - African Politics through African Films (W)

Pluralism and Diversity
PD/A
GER
3/B

An examination of contemporary African politics using various social science theories, films and documentaries made by African filmmakers.
cross-listed AFPRL 29019, MEDIA 29975, FILM 21462
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26200 - Government and Politics in Central America (W)

Pluralism and Diversity
PD/A
GER
3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26300 - Government and Politics in the Middle East (W)

Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 26400 - Government and Politics of Israel (W)

## GER

3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26500 - Government and Politics in Eastern Europe (W)

Pluralism and Diversity
PD/D
GER
3/B

Political, social and economic institutions of individual Eastern Central European nations and their post-communist transitions.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26700 - The Politics of Southern Africa (W)

Pluralism and Diversity
PD/A
GER
3/B

Political, economic and social institutions in Zimbabwe, Kenya, Nigeria, Tanzania, South Africa, etc.
cross-listed AFPRL 29015
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)

GER
3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent

3 hrs
3 cr .

## POLSC 27100 - International Politics in the Americas (W)

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Pluralism and Diversity
PD/A
GER
3/B
```

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.

3 hrs
3 cr.

## POLSC 27400 - American Foreign Policy (W)

## GER

3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 27500 - Politics of the Global Economy (W)

## GER

3/B

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 27600 - Global Issues (W)

## GER

3/B

Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.
prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.

## POLSC 27800 - International Organizations (W)

## GER

3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 28000 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

The course examines the roles that women have played as subjects and objects in war and peace.
cross-listed WGSP 26200 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000
3 hrs
3 cr .

## POLSC 28200 - International Security (W)

## GER

3/B
An introduction to basic concepts and problems in the area of international security, this course will explore explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 28300 - Terrorism (W)

GER
3/B

The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.
prereq or coreq: ENGL 12000 or the equivalent
3 hrs
3 cr .

## POLSC 29102-29103 - Directed Research (W)

This course is designed to teach individual students how to do research under the direction of a full-time faculty member. Students will participate in ongoing faculty research, and may do independent reading, library research, data collection and data analysis. The course will culminate in a research paper, literature review, or co-authored conference paper submitted for publication. Students will gain an understanding of the research methods utilized in the project, will gain hands-on experience in basic research, and will learn how to write the a research report with extensive feedback from their faculty supervisor.
prereq or coreq: ENGL 12000 or the equivalent; minimum of 60 credits and 15 credits in political science or permission of a full-time faculty supervisor.
2 or 3 hrs
2 or 3 cr.

## POLSC 30100-American Political Thought (W)

## GER

3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr .

## POLSC 30200-Critical Theory and Politics (W)

## GER

3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation. prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor. 4 hrs
4 cr.

GER
3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## POLSC 30900 - Feminist Political Theory (W)

## Pluralism and Diversity

PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## POLSC 31000 - Comparative Legal Systems (W)

## GER

3/B

Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.
prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 31100 - Utopian Theory (W)

## GER

3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.
3 hrs
3 cr .

## POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice. prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

## POLSC 32000 - Ethnic Politics (W)

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Pluralism and Diversity
PD/B
GER
3/B
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Ethnicity in local and national politics. Major groups, how they affect government, what government does for them. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 32100 - American Political Economy (W)

## GER

3/B

Critical analysis of the distribution of power between the state and the private sector. Theories about the governmentbusiness relationship are tested through a series of case studies.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 32200 - Social and Economic Policies in Western Europe and the United

 States (W)Pluralism and Diversity
PD/D
GER
3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.
prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).
4 hrs
4 cr.

## POLSC 32300 - Politics of Public Budgeting (W)

## GER

3/B

This course sets the processes and techniques of public budgeting within the context of American political institutions at the national, state and local levels.
prereq: ENGL 12000 or the equivalent; two political science courses at the 200-level or above or permission of the instructior
4 hrs
$4 c r$.

## POLSC 33000-American Political Development (W)

## GER

3/B
Analysis of the historical development of American politics, including: the impact of the Constitution, ideas, and political culture; state building/unbuilding in different historical eras; and the evolution of citizenship and political participation.
prereq: ENGL 12000 or its equivalent, POLSC 11000 or perm. inst
4 hrs
4 cr .

## POLSC 34000 - Constitutional Law: Organizing the Government (W)

## GER

3/B

Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .

POLSC 34100 - Constitutional Law: Civil Rights (W)

GER
3/B
Constitutional problems and Supreme Court decisions regarding race and sex discrimination.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .

## POLSC 34200 - Constitutional Law: The First Amendment (W)

## GER

3/B
Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
$3 c r$.
POLSC 34300 - Criminal Law (W)

GER
3/B

Constitutional problems and judicial decisions regarding search and seizure, right to counsel, self incrimination.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.

## POLSC 34800 - Public Administration and Public Policy (W)

GER
3/B

Analysis of problems in policy-making and administration, focusing on motivations, ethics, authority. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
POLSC 35100 - Government and Politics of Russia and the Post-Soviet States (W)

GER
3/B

Post-Soviet politics, institutions, social forces, economic transformations and regions.
prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.
3 hrs
3 cr .

## POLSC 35200 - State and Society in Africa (W)

Pluralism and Diversity
PD/A
GER
3/B
An examination of the nature of the relationship between the African state and civil society in the post-independence period and how this relationship influences governance and democracy.
prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.
3 hrs
3 cr .
POLSC 35300 - Social Movements, Civil Society and the State in Latin America (W)

Pluralism and Diversity
P/D A
GER
3/A
Analysis of the role of popular and opposition movements in Latin America and their relationship to the state, from the challenges to the dictatorships of the 1970s through the contemporary neoliberal economic order and democratic polities.
prereq: ENGL 12000 or the equivalent; a course in comparative politics; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr.

## POLSC 35600 - India's Democratic Experiment (W)

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Pluralism and Diversity
P/D A
GER
3/B
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Assesses the nature and durability of India's democratic political system. Examines key events, personalities, institutions, and movements in Indian politics from Independence (1947) to the present. Focuses on the challenge of adapting democratic institutions to circumstances of extreme social diversity and economic deprivation. prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

## POLSC 36000 - Democracy \& Development in a Globalizing World (W)

Pluralism and Diversity
P/D A
GER
3/B

The relationship between democracy and development in post-colonial countries. Questions include: What relations of causality, in either direction, have political scientists sought to establish between democracy and development? What is the impact of globalization on these relations? How can historical analysis help to illuminate these and other issues, such as why some countries have been better at promoting per capita income growth than others? What efforts have been undertaken - by individual citizens, by civic groups, by aid donors - to plug the democratic deficits that arise in the course of pursuing development under $21^{\text {st }}$ Century conditions?
prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

## POLSC 37400 - International Human Rights (W)

## GER

3/B

An examination of the origins, substance and processes of human rights in international relations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 37500 - International Law (W)

GER
3/B

The course will examine the sources, principles, functions, and effectiveness of international law. prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr.

## POLSC 37600 - International Political Economy (W)

## GER

3/B

Examination of the intersection of politics and economics at the international level through a careful reading and analysis of dominant theoretical approaches and their application to central debates concerning the politics of trade, money and finance, development and globalization.
prereq: POLSC 11500 or 27000 or 27500; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
4 cr .

## POLSC 37700 - Theories of International Politics (W)

## GER

3/B
An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.
prereq: POLSC 11500 or 27000 or 27500 or 28200 or perm. instr.
coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 37800 - Russian National Interest: Past and Present (W)

Pluralism and Diversity
PD/D
GER
3/B
In a contemporary, historical and comparative context, this course will explore the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: POLSC 11500 or 11700 or 25000 or 27000 or perm instr.
coreq: ENGL 12000 or equivalent
3 hrs
3 cr .

## POLSC 38000 - European Security (W)

## Pluralism and Diversity

PD/D
GER
3/B

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the $21^{\text {st }}$ century.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
$4 c r$.

## POLSC 38100 - East Asia in World Politics (W)

Pluralism and Diversity
PD/A
GER
3/B

An examination of sources of stability and instability in East Asia, using social science theories and historical background.
prereq: ENGL 12000 or its equivalent; POLSC 27000 or perm instr.
3 hrs
3 cr .

## POLSC 38200 - Causes of War (W)

## GER

3/B

An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.
prereq or coreq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr .

## POLSC 38300 - Power Transitions, the U.S. and World Order (W)

## GER

3/B

An examination of global power transitions and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.
prereq: ENGL 12000 (or equivalent), one course in international relations

4 hrs
4 cr.

## POLSC 38400 - Comparative Foreign Policy (W)

An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.
prereq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; or permission of the instructor; may not be taken by students who have completed POLSC 373.14.
4 hrs.
4 cr.

## Psychology

## PSYCH 20500 - The Profession of Psychology (W)

## GER

3/B

Open to declared majors only. Introduction to and critical analysis of the profession of psychology; examination of theories and career options in major subfields of psychology. Students must have Internet access.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
PSYCH 21000 - Child Development (D/S)

GER
3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 21200 - Exceptional Childhoods (D/S)

## GER

3/B

Special problems of adjustment and training of exceptional children, including the gifted as well as the intellectually, emotionally and physically handicapped.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course prereq or coreq: ENGL 12000

3 hrs
3 cr .

## PSYCH 21500 - Introduction to Research Methods in Psychology (W)

## GER

3/B

Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## PSYCH 22000 - Personality (D/S)

## GER

3/B

Review of the contributions to the understanding of normal personality in the theories of the Freudian and other analytical schools; of Allport, of representative behaviorist groups and of constitutional typologists; also, methods of assessing and understanding individual personality.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## PSYCH 22100 - Psychoanalytic Theories (A; D/S)

## GER

3/B

Historical, theoretical and empirical approaches from Freud to the present; empirical evaluation and integration of these theories with learning and ethological theory.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 22300 - Abnormal Psychology (A; D/S)

## GER

3/B

Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy. Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000

3 hrs
$3 c r$.

## PSYCH 22500 - Ethology: Animal Behavior (B)

## GER

3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
PSYCH 23000 - Social Psychology (D/S)

## GER

3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 23500 - The Psychology of Women (D/S)

## Pluralism and Diversity

PD/C
GER
3/B
Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensivecross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
PSYCH 24000 - Applications of Psychology (A)

GER
3/B
Psychological issues in business, law and medicine; consumer research, personnel selection and training, motivation and morale in industry, safety programs, testimony, lie detection and psychological issues in coping with physical illness.

Writing Intensive

## PSYCH 24200 - Health Psychology (A)

## GER

3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 24500 - History of Psychology (W)

## GER

3/B

Introspective, behavioristic, gestalt, psychoanalytic and related viewpoints developed from early philosophic roots of psychology.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## PSYCH 24800 - Statistical Methods in Psychological Research

## GER

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam prereq or coreq: ENGL 12000
4 hrs
4 cr.

GER
3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250 , but not both.)

Writing Intensive
PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYC 24800 with a minimum grade of $C$
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

## PSYCH 25000 - Experimental Psychology: General

## GER

3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

## Religion

## REL 11000 - Nature of Religion (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.

```
Hunter Core
Individual and Society (I&S) Humanities
GER
2/C
Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr.
```


## REL 20400 - Religious Experience (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr .

REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .

REL 20600 - Ideas of God in Contemporary Western Thought (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 20700 - Religious Sources for Morality (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 20800 - Religion and Social Justice (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations. prereq: ENGL 12000
3 hrs
3 cr.
REL 25100 - Asian Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Testament).
prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 25300 - Abrahamic Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
```

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels. prereq: ENGL 12000
3 hrs
3 cr .
REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .
REL 25500 - Religions of Two Gods (W)

Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr .
REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B

GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 27000-Religion and Psychology (W)

Pluralism and Diversity
PD/D
GER
2/C
An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr .
REL 30700 - Religious Ideas in Modern Literature (W)

Pluralism and Diversity
PD/D
GER
3/A

Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr .

REL 30800-Religion and the Arts (W)

Pluralism and Diversity
PD/D
GER
3/A

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered. prereq: ENGL 12000
3 hrs
$3 c r$.
REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 31000 - The Religious Meanings of Death (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3cr.
```


## REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
3/A

An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and nonWestern traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 31300 - Spirit and Nature (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.

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prereq: ENGL 12000
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3 hrs
3 cr .

## REL 31500 - The Problem of Evil (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000
3 hrs
3 cr .

REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices. prereq: ENGL 12000
3 hrs
3 cr .

REL 32100 - Buddhism (W)

```
Pluralism and Diversity
PD/A
GER
3/A
```

Study of Buddhism, its development, history, literature, philosophy and religious practices. prereq: ENGL 12000
3 hrs
3 cr .

REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32300 - Christianity (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 32400 - Islam and Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 33000-New Testament Religion (W)

Pluralism and Diversity
PD/D
GER
3/A

Scholarly consideration of religion of New Testament: the mystery of Jesus Christ, Paul's message, ethics, relation to the Law of Judaism, salvation theology, apocalyptic thinking.
prereq: ENGL 12000
3 hrs
3 cr.
REL 33300 - Christian Theology (W)

Pluralism and Diversity
PD/D
GER
3/A

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
prereq: ENGL 12000
3 hrs
3 cr .
REL 33400-Mysticism (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
\(3 c r\).
```


## REL 33500 - Myth and Ritual (W)

## Pluralism and Diversity

PD/D
GER
3/A

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis. prereq: ENGL 12000
3 hrs
3 cr .

## REL 33600-Zen (W)

Pluralism and Diversity
PD/A
GER
3/A
An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds. prereq: ENGL 12000
3 hrs
3 cr .
REL 33700 - Sufism (W)
Pluralism and Diversity
PD/A
GER
3/A
A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr .
REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity
PD/C

## GER

3/A

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 39000 - Modern Theories of Religion (W)

## Pluralism and Diversity

PD/D
GER
3/A

An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
prereq: ENGL 12000, REL 11100
3 hrs
3 cr .

## REL 20900 - Religion and Human Rights (W)

## Hunter Core

Individual and Society - Humanities
GER
2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the $20^{\text {th }}$ century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment-seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 21100 - The Sacred Sky: Astrology in World Religions (W)

## GER

2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied
celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 25700 - Religions of Ancient Central and South America (W)

Hunter Core<br>World Cultures and Global Issues (WCGI)<br>Pluralism and Diversity<br>P/D B<br>GER<br>2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25800 - Religions of Ancient Europe (W)

## Hunter Core <br> World Cultures and Global Issues (WCGI) <br> Pluralism and Diversity <br> PD/D <br> GER <br> 2C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
3 hrs
3 cr.

## REL 32600-Religious Meanings of the Qur'ān (W)

## GER

3/A
This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" ('Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of
styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
3 cr.
Romance Languages

## French

## FREN 25600 - Dream and Image (W)

GER
3/A

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
3 cr.

Italian

## ITAL 26000 - Modern Italian Short Story (W)

## Pluralism and Diversity

PD/D
GER
2/C

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ENGL 120 or equiv.
3 hrs
3 cr .

## ITAL 27600 - Dante's Divine Comedy in English (W)

## Pluralism and Diversity

PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .

```
Pluralism and Diversity
PD/C
GER
3/A
```

In English. An active exploration of feminine Italian American identity through literature, film and visual arts.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .

## Spanish

## SPAN 26500 - Don Quixote (in English translation) (W)

Pluralism and Diversity
PD/D
GER
3/A

Commentary and analysis of Cervantes' novel in its entirety, read in English translation. Examination of its main themes within the sociohistorical and literary contexts, as well as its essential role in the development of the modern novel.
Writing Intensive
prereq: ENGL 12000
3 hours
3 credits

## SPAN 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A
Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.cross-listed WGSA 26900
prereq: ENGL 12000
3 hrs
3 cr .

## Sociology

GER
3/B

Analysis of social structures and culture of the contemporary USA.
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr.

## SOC 23900 - Child Welfare (W)

GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

## SOC 25900 - Mass Media, Communication and Public Opinion (W)

GER
3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr .

## SOC 30900 - Social Movements and Social Change (W)

## GER

3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr .
SOC 31500 - Work and Society (W)

GER
3/B
Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed WGSL 31500
prereq: SOC 10100
3 hrs
3 cr .

## SOC 36100 - Development and Modernization (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 36200 - Sociology of Islam (W)

## GER

3/B
Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 33000 - Children and Public Policy (W)

## GER

3/B
Study of changes in children's lives, including family composition, parental work, child care, and poverty, as well as the day-to-day lives of children living in poverty and immigrant families. The historical evolution of public policies and current policy issues are studied as they relate to children, particularly education, income support, and health policies. International policy comparisons are highlighted
prereq: ENGL 12000
3 hrs
3 cr .

## Theatre

## THEA 21100 - World Theatre I (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100

3 hrs
3 cr .

## THEA 21200 - World Theatre II (W)

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
THEA 21300 - World Theatre III (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

## THEA 21400-Multicultural Perspectives in Theatrical Performance (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of a selected minority theatre tradition in the United States: original roots, development, and influence on the cultural life of the group to be studied and on American culture in general. May be repeated for credit with a different topic.
prereq: THEA 10100
3 hrs
3 cr .

## THEA 21500 - Black Theatre (W)

Pluralism and Diversity
PD/B
GER
3/A

Background and development, present practice, and future possibilities of Black theatre in America. prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

THEA 32100 - Play Analysis (W)

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .
THEA 32200 - Theatre Theory and Criticism (W)

Pluralism and Diversity
PD/D
GER
3/A

Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting. prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .
THEA 32300-20th Century Aesthetics in Theatre and Film (W)

## GER

3/A

Points of interaction, mutual influence, and cross fertilization between theatre and film in theory and praxis. prereq: THEA 21300 or FILM 21100 or 21200; ENGL 12000
4 hrs
$3 c r$.

THEA 32400-Adaptation in Theatre and Film (W)

## GER

3/A

Examination of examples of works adapted to the stage or seen from another medium.
prereq: THEA 32100 or FILM 21100 or 21200; ENGL 12000
4 hrs
3 cr .

THEA 33100 - Avant-Garde Theatre of the 20th Century (W)

Pluralism and Diversity
PD/D
GER
3/A

Departures from realism Expressionism, Artaud, Brecht, Grotowski from Alfred Jarry to the present.
prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.
THEA 37600 - Playwriting I (W)

GER
3/A

Study of problems in playwriting based on the student's own work.
prereq: THEA 10100 or perm instr.
3 hrs
3 cr .
Thomas Hunter Honors Program

## HONS 20100 - Sophomore Honors Colloquium (W)

Pluralism and Diversity
PD/D
Sample topics: Integrating the Irrational; Dante's World; Language, Learning, and Computation; Law and Literature; The Gothic; Ethics in Public Health. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
prereq: perm dept.
3 hrs
3 cr .
HONS 30100 - Upper-Level Honors Colloquium (W)

## Pluralism and Diversity

PD/D
Sample topics: Behavior and Evolution; Greek Myth in the Arts; Energy and Environment; Politics of Southern Africa. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser. prereq: perm dept.
3 hrs
3 cr .
Urban Affairs and Planning
URBS 10100 - Urban Life: Personal and Observational View (W)

Hunter Core<br>Individual \& Society - Social Science I\&S SS<br>GER<br>2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr .

## URBS 10200 - Structure of Urban Region (W)

Hunter Core<br>Individual and Society Social Science (I\&S SS)<br>GER<br>2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr .

## URBS 20100 - Urban Plans and Policies

## GER

2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making. prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr .

## Women and Gender Studies

## WGS 20100-Classics in Feminist Thought (W)

## Pluralism and Diversity

PD/C
GER
3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr .

## WGST 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

The history of political thought from the perspective of gender relations and the treatment of women. cross-listed POLSC 20900
prereq: ENGL 12000 or equiv.
3 hrs
3 cr .

## WGSS 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C
GER
3/B

Overview of how local, state and federal laws treat people on basis of sex.
cross-listed POLSC 21900
prereq: ENGL 12000
3 hrs
3 cr .
WGST 23000 - Feminism: Philosophical Theory and Practice (W)

Pluralism and Diversity
PD/C
GER
3/A

Analysis of feminist theories and their practical implications.
cross-listed PHILO 23000
prereq: ENGL 12000 and one course in philosophy
3 hrs
3 cr .
WGSP 23900 - Child Welfare (W)

GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed SOC 23900
prereq: ENGL 12000, SOC 10100
3 hrs
3 cr .
WGSA 25000 - Women and Music (W)

## Pluralism and Diversity

PD/C
GER
3/A

An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed MUSHL 25000
prereq: ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm
instr.
3 hrs
3 cr .

## WGS 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.
May be repeated once for credit with a different topic.cross-listed ENGL 25800
prereq: ENGL 22000
3 hrs
3 cr .

## WGSA 26000 - Russian Women Writers in English Translation (W)

Pluralism and Diversity
PD/C
GER
3/A
The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others.
cross-listed RUSS 26000
prereq: ENGL 22000
3 hrs
3 cr .

## WGSP 26100 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B
Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed POLSC 21800
prereq: ENGL 12000
3 hrs
3 cr .

## WGSP 26200 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
$3 c r$.

## WGSA 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr .
WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
3/A
Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
3 cr .

## WGST 30900 - Feminist Political Theory

Pluralism and Diversity
PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.
cross-listed POLSC 30900
prereq: ENGL 12000

3 hrs
$3 c r$.

## WGSL 31500 - Work and Society (W)

## GER

3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed SOC 31500
prereq: SOC 10100
3 hrs
3 cr .

## WGSC 31800 - Women in Africa (W)

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Pluralism and Diversity
GER 3/B PD/A or C
Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and
revolution.
cross-listed AFPRL 31800(W)
prereq: AFPRL 20200 or AFPRL 22200 or perm instr.
3 hrs
cr.
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## WGSA 31900 - Advanced Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration. May be repeated once for credit with a different topic.
cross-listed ENGL 31900
prereq: ENGL 22000
3 hrs
3 cr .

## WGSC 32900 - Women in the African Diaspora (W)

Pluralism and Diversity
PD/B or C
GER
3/B
The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.
cross-listed AFPRL 31900 (W)
prereq: AFPRL 20400, 20900 or 21000 or perm instr.

3 hrs
3 cr.

## WGS 33600 - African-American Women Writers (W)

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Pluralism and Diversity
PD/B or C
GER
3/A
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African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.
cross-listed AFPRL 33600
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr .

## WGSA 33700 - Caribbean Women Writers (W)

## GER

3/A
A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

## WGSA 38400 - Women and Media (W)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed MEDIA 38400
prereq: MEDIA 18000
3 hrs
$3 c r$.

## Undergraduate Certificate and Minor

## Human Rights

## Minor in Human Rights

## 15-credit Minor in Human Rights (5 3-credit courses):

The minor consists of the following courses:
2 Core Required Courses

- Introduction to Human Rights (HR 20000)
- Internship in Human Rights (HR 25000)

3 Elective Cognate Courses from an approved list
The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses.

Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners.

To be accepted into the Minor program, a student must have completed HR 20000 with a B and have a cumulative GPA of 3.0.

## Certificate in Human Rights

## 24-credit Certificate in Human Rights

## 4 Core Required Courses

HR 20000 Introduction to Human Rights: History, Discourse, Practice (W)
HR 25000 Human Rights Internship
HR 26000 Human Rights Internship Seminar (W)
HR 35000 Human Rights Capstone Seminar (W)
4 Elective Cognate Courses from an Approved List
The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-beingStudents should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses.

Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners.

To be accepted into the Certificate program, a student must have at least completed HR 20000 with a B and have a cumulative GPA of 3.0/.

# Courses in Human Rights 

Courses in Human Rights

## Public Policy

The Program in Public Policy is an 18-credit undergraduate minor open to students in all disciplines. Students also have an option to pursue 9 additional credits (for a total of 27 credits) to receive a Certificate in Public Policy upon graduation. The Roosevelt House program is based on the understanding that the preparation of informed citizens is essential to a healthy democracy and an important aspect of a liberal arts education. Unlike most graduate programs in public policy that are designed to prepare people for careers in the public and nonprofit sectors, the undergraduate program at Roosevelt House provides students with knowledge and skills that enable them to be active participants in a democratic society. Many of its graduates will undoubtedly go on to careers in the public and nonprofit sectors.
Capable citizenship, however, is required in all walks of life; therefore the program can benefit all students regardless of their stated major, career goals, or personal objectives. To enroll in the public policy minor ( 18 credits) or certificate ( 27 credits), a student must have completed at least 45 credits of undergraduate study, with a minimum G.P.A. of 3.0.

## Minor in Public Policy

An 18-credit undergraduate minor in public policy is open to students in all disciplines.

Core Requirements

## PUPOL 10000 - Introduction to Public Policy

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines. Writing Requirements:This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr .

## PUPOL 40000 - Capstone Seminar

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.
3 hours
3 credits
Introduction to American Government and Politics

## POLSC 11000 - American Government: A Historical Introduction (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
$1 / \mathrm{C}$ or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .
One Course in Economic Analysis

## ECO 20000 - Principles of Microeconomics

## Hunter Core

Scientific World (SW)
GER
2/B
May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .
One Course in Quantitative Analysis

## ECO 22100 - Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability
distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

## POLSC 20600 - Research Design in Political Science (W)

## GER

3/B
Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

## SOC 24000 - Introduction to Research Methods

## GER

3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .
One Course in Normative, Ethical, and Value Analysis. Such courses include but are not limited to:

## PHILO 10600 - Philosophy, Politics and Society

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

## PHILO 24400 - Moral Philosophy (W)

## GER

3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 10400 - Introduction to Ethics

## Hunter Core

Individual and Society (Humanities) -I\&S H
GER
2/C

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester

## SOC 21800-Social Inequality

## GER

3/B
Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .

## POLSC 31100 - Utopian Theory (W)

## GER

3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.
3 hrs
3 cr .
POLSC 30500 - Democratic Theory (W)

## GER

3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

## Substantive Policy Specialization

For the Public Policy Certificate each student will take the 6 core courses ( 18 credits) and will be required to declare a substantive area of specialization comprised of 3 courses ( 9 credits) of additional course work. These may be grounded in a particular discipline or disciplines. Or a student may use the substantive specialization to take advantage of clusters of expertise that exist across several Hunter departments. Examples of the latter include (but are not limited to) immigration, health, aging, gender studies, macroeconomics, public finance, economic development, race and ethnicity, public law, human rights, ethics, international relations, international trade, education, urban affairs, environmental studies, employment, and social services. Courses designated for the substantive specialization need approval by the faculty advisor.

## Additional Opportunities

Hunter College offers other unique opportunities to its students. These options are designed to enrich the student experience in policy curriculum.

## Generic Policy Courses

Advanced courses which build on the knowledge and skills acquired in the core courses and are applicable to students in a wide range of substantive specializations.

## Internships

Undergraduate internship programs currently exist in a number of academic departments which are designed to give students a chance to work in a policy-related institutional setting outside the university, either in a government agency, nonprofit, think tank, or advocacy group. Some carry compensation, others are voluntary.

## Policy Colloquia

A colloquium series will be launched at Roosevelt House that will allow students and faculty to come together several times a semester to discuss public policy issues. Guest speakers, including scholars and practitioners, with relevant expertise will be invited to discuss topics of the day either individually or in panels.

## The Africana \& Puerto Rican/Latino Studies Minor

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

## Post-Baccalaureate Certificate

# Post-Baccalaureate Certificate Program in Health Careers Preparation 

Return to: Health Careers Preparation

The Post-Baccalaureate Certificate in Health Careers Preparation Program is designed for students who wish to enter a professional program in medicine, dentistry, optometry, podiatry or veterinary medicine but whose undergraduate education does not meet the requirements for these programs. Students interested in entering programs in nursing, nutrition, physical therapy, pharmacy or physician assistant studies are not eligible for the Post-Baccalaureate Certificate Program.

## Admission Criteria

We encourage prospective students who meet the admission criteria to apply to our certificate program. All applicants must:

- Hold a baccalaureate degree from an accredited institution with a minimum overall GPA of 3.00 (students with undergraduate degrees in progress are not eligible to apply). Internal Hunter College second degree candidates must have a minimum overall GPA of 3.5 and have completed no more than 12 credits of required science courses (Biology, Chemistry or Physics) at Hunter in order to apply to the program.
- Apply for admission to City University of New York (CUNY), Hunter College.
- Submit a completed Post-Baccalaureate Certificate Program supplemental application by the December 15th deadline.
- Demonstrate their commitment to a career in the health professions through paid or volunteer experience.


## Application Procedures

Admission to the program is limited to the fall semester. Application to the program is a two-step process. For detailed, step-by-step instructions for completing the application procedures, please refer to the Prospective Post-Baccalaureate Student section of the Pre-Health Website at:
http://www.hunter.cuny.edu/prehealth/the-post-baccalaureate-certificate-program/prospective-students/information-for-prospective-post-baccalaureate-students/

All prospective students must submit a supplemental application directly to the Pre-Health Advising Office at Hunter College. The supplemental application is completed electronically and is available on the Pre-Health website in midfall. In addition to a supplemental application all candidates for the Post-Baccalaureate Certificate Program must apply to CUNY as transfer students. The 4-digit code for Hunter's Post-Baccalaureate Certificate Program is 0339, and this must be selected in order for the student to be considered for the program. All students must submit their official transcripts directly to CUNY through the CUNY Application Portal. High school transcripts are NOT required. The Admissions Committee may also request an interview and/or letters of recommendation for applicants sometime after the supplemental application has been submitted.

## Deadlines

Both CUNY and supplemental applications must be received (by CUNY and the Hunter College Pre-Health Office) by December 15 of each year to be considered for admission to the Program in the fall. Applications received after December 15 may not be considered.

## Program Requirements

To complete the Program, all Post-Baccalaureate Certificate students starting in fall 2010 and after must:

- Complete one year of college-level English. This requirement can be fulfilled by undergraduate transfer credit and/or by taking courses at Hunter College.
- Complete one year of college-level mathematics beyond pre-calculus. This requirement can also be fulfilled by undergraduate transfer credit and/or by taking courses at Hunter. There are two ways to fulfill this requirement at Hunter:

1. MATH 15000 (STEM) (calculus) and MATH 15500 (STEM) (calculus II)
2. MATH 15000 (STEM) (calculus) and STAT 21300 (STEM) (STAT 113 does not fulfill this requirement)

- Complete 38 credits in science (biology, chemistry or physics) at Hunter College.
- Maintain a 3.3 GPA for every semester in the program with no individual course grade below B-.
- Provide 56 hours of service to the Hunter College Community during their time in the program. Tutoring in science courses, mentoring undergraduate students, and assisting with activities sponsored by the Pre-Health Advising Office are examples of activities that fulfill the service commitment requirements.
- Obtain a committee letter from the Pre-Health Advisory Committee at Hunter College.


## Courses and Requirements

The exact titles and sequence of courses for Post-Baccalaureate students depend on their individual academic needs and availability of courses at Hunter College each semester. Students typically take $9-12$ credits of mathematics/science per semester but individual students' course loads can vary depending on their schedules of extracurricular activities and other factors.

In addition to the mathematics and English requirements stated above, typical course work for pre-health students includes the following:

- One year of general biology with lab: BIOL 10000 (STEM) and BIOL 10200 (STEM) (4.5 credits each, including lab) offered in spring and fall semesters, respectively.
- One year of general chemistry with lab: CHEM 10200 (STEM) and CHEM 10400 (STEM) (lecture, 3 credits each) and CHEM 10600 (STEM) (lab, 3 credits). CHEM 10400, which serves as a pre-requisite to CHEM 10600 may be taken concurrently to satisfy requirements.
- One year of Organic Chemistry lectures: CHEM 22200 and CHEM 22400 (4 credits each); and one year of Organic Chemistry labs: CHEM 22300 and CHEM 22500 ( 2.5 credits each).
- One year of general physics with lab: PHYS 11000 (STEM) and PHYS 12000 (STEM) ( 4.5 credits each, including lab).
- One semester of Biological Chemistry BIOL 30000 or a year of Biochemistry CHEM 37600, CHEM 37700 and CHEM 37800


## Additional Courses

Students may use classes from the following list of upper division biology and chemistry courses to fulfill the requirements for the program:

## Courses

## BIOL 30600 - Developmental Biology

## GER

3/B

Major topics include molecular and cellular mechanisms of early embryonic development in amphibians, mammals and model organisms such as Drosophila, as well as the related subjects of vertebrate organ system development, biology of stem cells and animal cloning. Emphasis is placed on seminal and current research in cell-cell communication, signal transduction and differential gene regulation in developmental processes.
prereq: BIOL 30000
3 hrs (lec)
3 cr .
fall only

## BIOL 35000 - The Biology of Cancer

## GER

3/B

When a normal cell becomes a cancer cell there are genetic changes that occur that alter the biology of the cell such that it behaves independent of its neighbors. This course will investigate the altered biology of cancer cells that lead to uncontrolled proliferation and cancer. Topics include: cell culture, the cell cycle, hormones, receptors, intracellular signal transduction, oncogenes, tumor suppressor genes, apoptosis, metastasis, and the etiology of human cancer.
prereq: BIOL 20000, 30000, or perm instr.
3 hrs (lec)
3 cr .

## BIOL 36000 - Cellular and Molecular Immunology

## GER

3/B
Study of the immune system from a molecular perspective. Molecular genetics of antibody and T cell receptor diversity, hematopoiesis and lymphocyte development, humoral and cellular immunity, histocompatibility.
prereq or coreq: BIOL 30000, perm instr.
4 hrs (3 lec, 1 disc)
3.5 cr .
spring only

## BIOL 37000 - Physiology of the Nervous System

## GER

3/B
A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)

```
4 cr.
spring only
```


## BIOL 37500 - Molecular Systematics

## GER

3/B
An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest in phylogeny and population biology.
prereq: BIOL 30000 or perm instr.
3 hrs
3 cr .

## BIOL 37600 - Endocrinology

## GER

3/B
Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

## BIOL 38000 - Molecular Neurobiology

## GER

3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

## CHEM 35000-Biophysical Chemistry

```
Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr
```


## CHEM 32200-Organic Chemistry Lecture III

## GER

3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.
prereq: CHEM 22400 with grade of C or better, perm instr.
3 hrs
3 cr .

New Required Courses for Medical School

Students intending to apply to medical school are now required to complete

## PSYCH 10000 - Introduction to Psychology

## GER

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .
and

## SOC 10100 - Introduction to Sociology

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>GER<br>2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .
Consult the Sociology department or the Pre-Health Advising Office for information about the specific section recommended. These courses can also be satisfied with equivalent transfer credits.

Note:

Please refer to the Pre-Health Office website and publications for information regarding the specific coursework and extracurricular activities required by the individual health professional schools.

Time to Completion

Students must complete all of the required courses within 36 months in order to receive the certificate. A typical postbaccalaureate student completes the minimum coursework required to take standardized tests such as the MCAT or DAT within this same time period. Many students also go on to take additional upper division courses recommended by many health professional schools during the third (application) year. Decisions about professional school admissions are usually made one year after applications are submitted. Hunter College also has linkage agreements with several medical schools, which allows highly qualified Post-Baccalaureates who have completed all pre-medical requirements to matriculate in the same year in which they apply.

## Additional Fees

Hunter College Post-Baccalaureates are required to pay additional Academic Excellence fees, which are used to improve the resources available to them. Among other things, these fees entitle students to the additional support of a dedicated Post-Baccalaureate advisor and preparatory courses for standardized tests such as the MCAT. The following is a breakdown of the Academic Excellence Fee structure:

- Resident Full-time students: $\$ 500$ per semester for 12 credits or more
- Resident Part-time students: $\$ 50$ per credit
- Non Resident Full-time and Part-time students: $\$ 90$ per credit


## Associate in Applied Science/Bachelor of Science

## Nursing Dual/Joint Degree

This is an early entry into the RN-BS program. Students start out at Queensborough Community College. They are granted acceptance to Hunter after their freshman year if they satisfy certain GPA and course requirements. See the Queensborough website for further information about this phase of the dual degree http://www.qcc.cuny.edu/academies/hrs-academy.html

The Hunter portion of the curriculum follows the RN-BS curriculum:

## Nursing Major

## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr.

## NURS 38000-Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000

Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr.

## NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr.

## NURS 38400 - Nursing Culturally Diverse Families

## Pluralism and Diversity <br> PD/B <br> Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions. <br> 3 hrs <br> 3 cr .

## NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
$4 c r$.

## NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .
Six credits of nursing electives: The following two courses are suggested. They meet $\mathrm{PD} / \mathrm{C}$ requirements

## NURS 34000 - Women's Health

## Pluralism and Diversity

PD/C

Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr .

## NURS 35100 - Gender, Science and Technology

```
Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3cr.
```

Total HC Nursing (24 cr.)

## Bachelor of Science/Master of Science (BS/MS)

## Accelerated BS/MS in Nutrition (DPD)

This pathway is for third year NFS majors who are interested in completing their degree and then continuing at Hunter to obtain a master's degree and verification statement (students will be provisionally accepted into the program in their junior year but must maintain grade requirements to matriculate into the MS-DPD program).

This accelerated pathway provides the opportunity for undergraduate students to remain at Hunter for their graduate coursework providing students the opportunity for academic acceleration to a graduate degree.

Since the MS-Nutrition curriculum meets the didactic program in dietetics (DPD) requirements established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), the credentialing arm of the Academy of Nutrition and Dietetics (AND), it will qualify students from this BS/MS accelerated track to apply for Dietetic Internships and continue their professional preparation for the Registered Dietitian (RD) credential.

## To become an RD, students must have:

- Completed a minimum of a bachelor's degree at a US regionally accredited university or college
- Completed the DPD coursework (didactic program in dietetics) approved by the the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND),
- Completed an ACEND-accredited supervised practice program such as a dietetic internship (DI). The Hunter DI is described in the graduate catalog and online at www.hunter.cuny.edu/schoolhp/nfs. For further information on the Hunter DI, contact Prof. Ann Gaba at agaba@hunter.cuny.edu.
- Passed a national examination administered by the Commission on Dietetic Registration (CDR).


## Career Opportunities for students graduating with this accelerated BS/MS:

Dietetics is an allied health profession which focuses on the food and nutrition intake of individuals and its relationship to health. Registered dietitians are trained in the sciences and are able to translate scientific findings and help people
live healthy lives. Major areas of practice include clinical, community, management, and consultant dietetics. More than half of all dietitians and nutritionists are found to work in hospitals, nursing homes, and physician's offices and clinics. More information about career opportunities may be found on the Academy of Nutrition and Dietetics's website at http://www.eatright.org

## Academic Requirements for Entry into the BS-MS

Students must be able to complete the NFS major and graduation requirements in about 96-102 credits, must have an overall GPA of $\mathbf{3 . 5}$ and prerequisite GPA of 3.2 or better to be considered.

Prerequisite courses

## CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E
```

Essential facts, laws, and theories of general chemistry.

Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100 .

4 hrs (3 lec, 1 rec$)$
3 cr.

## CHEM 10100 - Inquiries into the Nature of Matter

## Hunter Core

Life and Physical Sciences (LPS)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr .

## CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

## Hunter Core

Life and Physical Sciences (LPS): Scientific World (SW)

## Pluralism and Diversity

GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## Pluralism and Diversity

GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

## BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only

## BIOL 23000 - Fundamentals of Microbiology

## GER

3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

## NFS 14100 - Nutrition

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.

## NFS 13100 - Food Science I

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr .

## STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.
-or-

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning

GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## Students take graduate courses after completing 96 credits

Students must have completed the NFS major and academic requirements for their undergraduate degree in about 96 credits, must have an overall GPA of 3.5 and pre-requisite GPA of 3.2 or better to be considered. However, a 3.5 GPA in and of itself does not guarantee admission.

Undergraduates admitted to the program take graduate courses during their senior year and will be able to complete the MS-DPD degree one year after they complete the requirements for the BS (NFS) degree. These students will be admitted directly into the MS-DPD program without having to take the GRE exam. Upon completion of the requirements for the MS degree, both the BS and MS degrees will be awarded. These students will pay undergraduate tuition rates up to the number of credits required to earn a baccalaureate degree ( 120 cr ) and credits taken after that number toward the combined dual degree will be paid at the graduate level. Students interested in this accelerated program should speak to the adviser in the Nutrition track during their sophomore year to review the curriculum path for the five-year program.

Students who have been provisionally accepted into the BS-MS program but who do not maintain the required GPA will not be allowed to continue but will be eligible to receive a BS (NFS) degree from Hunter provided that they fulfill all other academic requirements for their undergraduate degree.

## Curriculum Requirements

## The accelerated BS/MS is a 137-credit program

For a list of the graduate courses, consult http://catalog.hunter.cuny.edu/index.php?catoid=22

## Undergraduate Minor

## Minor in Accounting

Return to Accounting - BS
A minor in accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

## The Minor consists of 15 credits

with the following required courses:

## ACC 27100-Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr .

## ACC 27200-Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.
efffective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr .
and Three of the following courses for the Financial Accounting Track 1

## ACC 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
3 cr .

## ACC 37200 - Intermediate Accounting II

Revenue recognition; accounting for equities, income taxes, pensions, leases, price level changes.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better.
3 hrs
3 cr.

## ACC 37400 - Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better
3 hrs
3 cr .

## ACC 47100 - Advanced Accounting I

Accounting for branches and business combinations. Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better 3 hrs
3 cr .
or Three of the following courses for the Law and Taxation Track 2 (ECO 37300 strongly recommended)

## ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.
prereq: sophomore standing or perm chair
3 hrs
3 cr.

## ACC 37300-Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100, all with a grade of C or better
3 hrs ,
3 cr.

## ACC 38000 - Business Law II

Legal aspects of business organizations; agency, partnership and corporate relationships. prereq: ACC 28000
3 hrs
3 cr .

## ACC 47300 - Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 and ACC 37300 all with a grade of C or better
3 hrs
3 cr.

## ACC 48000 - Business Law III

Sales and financing devices under Uniform Commercial Code; property; trusts and estates; bankruptcy; other selected topics.

3 hrs
3 cr .

## Minor in Africana \& Puerto Rican/Latino Studies

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

## Minor in Anthropological Archaeology

The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective. The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor. Only one non-AN-C course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor

## Courses for the Minor

## ANTHC 12600 - Introduction to Prehistoric Archaeology

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B
```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## ANTHC 12700 - Methods In Archaeological Science

```
Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3cr.
```


## ANTHC 22600 - Archaeology of Africa

## Pluralism and Diversity

PD/A
GER
3/B
Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.
3 hrs
$3 c r$.

## ANTHC 23200 - Archaeology of South America and the Caribbean

## GER

3/B
Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 32000 - Problems in Anthropology

## GER

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

## ANTHC 32600-Rise of Old and New World Civilizations

## GER

3/B
Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 32700 - Prehistoric Cultural Ecology

GER
3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr .

## ANTHC 34600 - Analytic Methods in Archaeology

GER
3/B
Theory and methods of analysis of materials recovered from archaeological excavations and surveys.
prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr.

## ANTHC 42600 - Seminar in Archaeological Field Methods

## Pluralism and Diversity

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.
The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
Non ANTHC Courses:

## ANTHP 10100 (STEM) - Human Evolution

Hunter Core<br>Life and Physical Sciences (LPS) Scientific World (SW)<br>GER<br>2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>\section*{GER}<br>2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr .

## GEOG 10100 - People and Their Environment

Hunter Core<br>Individual and Society - Social Science<br>GER<br>2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

```
3 hrs
3cr.
offered fall and spring.
```


## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## Minor in Anthropology

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present. The minor consists of four courses for a total of 13 credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

## The minor includes the following three required courses:

## ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core

World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs

$$
3 \mathrm{cr} .
$$

offered every sem.

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core

World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .
Plus one additional course selected from the following two options:

## ANTHP 10100 (STEM) - Human Evolution

## Hunter Core <br> Life and Physical Sciences (LPS) Scientific World (SW) <br> GER <br> 2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## Minor in Arabic and Minor in Arabic Studies

## Return to Classical and Oriental Studies

Two minors are offered by the Arabic Language, Literature, and Culture Division of the Department of Classical and Oriental Studies: Arabic and Arabic Studies.

## Minor in Arabic

The minor in Arabic requires the successful completion of

## ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills. prereq: ARB 10200 or equiv.
3 hrs
3 cr .

Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
$3 c r$.

## ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic
prereq: ARB 20200 or equiv.
3 hrs
3 cr .

## ARB 30200-Advanced Arabic II

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr .
or their equivalent as determined by the Arabic Program Head.

## ARB 14900 - Spoken Egyptian Arabic

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.
prereq: ARB 10200 and permission of instructor
3 hours
3 credits
can be taken in lieu of ARB 30200
The prerequisite for the minor is successful completion of ARB 10100 and 10200 ( 8 credits).

## Arabic Studies Minor

The Arabic Studies Minor requires the successful completion of 4 ARB courses on cultural or literary topics taught in English or in Arabic. Up to 2 Arabic language courses may be used to fulfill the minor requirements in lieu of two culture or literature courses.

The prerequisite for the minor is successful completion of ARB 10100 and ARB 10200 (8 credits).

## Arabic Courses

## ARB 10100-Beginning Arabic I

## Hunter Core

World Culture and Global Issues (WCGI)
The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding
of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr .

## ARB 10200-Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.
prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr .

## ARB 14800 - Beginning Arabic for Heritage Speakers

## Hunter Core

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head
3 hrs
3 cr .

## ARB 14900 - Spoken Egyptian Arabic

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic. prereq: ARB 10200 and permission of instructor
3 hours
3 credits

## ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq: ENGL 12000 or equivalent
3 hrs.
3 cr .

## ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.
prereq: ARB 10200 or equiv.
3 hrs
3 cr .

## ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
3 cr .

## ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800 . It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr .

## ARB 25000 - The Arab Novel (in translation) (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

## ARB 25100-Arab Cinema (in translation)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25200 - Literatures from the Islamic World (W)

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

A survey of literary genres and themes from the Islamic World from the 7 th to the 15 th century. prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25300 - Literatures and Cultures of Muslim Spain (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25400 - The Arabian Nights East and West (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

## ARB 25500 - Modern Palestinian Culture

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

## ARB 25600 - Modern Arab Theatre

## Hunter Core

World Culture and Global Issues (WCGI_
Pluralism and Diversity
PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.
3 hrs
3 cr .

## ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.
3 hours
3 credits

## ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic prereq: ARB 20200 or equiv.
3 hrs
3 cr .

## ARB 30200 - Advanced Arabic II

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Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
cr.
```


## Minor in Art History

The Art History minor requires students to take 12 credits in Art History as follows: ARTH 11100 - Introduction to History of Art, followed by 9 credits selected from the other department offerings. No more than 6 credits transferred from another institution may be applied to the minor.

## Minor in Asian American Studies

The interdisciplinary Asian American Studies Minor provides students with focused competence in the histories and contemporary experiences of diverse Asian diasporic communities, including but not limited to those of North America. As one of only a few Asian American Studies programs in the tri-state area, the AASP offers its Minors a unique opportunity to gain the knowledge and skills necessary to make meaningful contributions to the city and nation's growing APA communities.

A Minor consists of a minimum of 12 credits and can be made up of any courses offered by-or cross-listed with-the Asian American Studies Program, excluding ASIAN 360.02 (East Asia to 1600) and ASIAN 360.03 (China since 1800). No more than 6 Minor credits may be transferred from another institution. Please note that a number of 300level courses in Asian American Studies may be used to satisfy requirements in the ENGL, POLSC, and WGS majors: see individual courses for details.

## Minor in Biological Sciences

The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests. In order to minor in Biological Sciences a student must pass four courses resulting in a minor GPA of 2.0 or higher. All students who want a Minor in Biological Sciences must take:

- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 200 level or higher Number of Credits: A minimum of 12 credits. Transfer credits may be applied. At least 2 courses must be taken at Hunter College.


## Minor in Chemistry

A minor in Chemistry consists of a pre-requisite year of General Chemistry with laboratory (CHEM 10200 (STEM) through CHEM 10600 (STEM) or equivalent, 9 credits), and a minimum of 14 credits of coursework. Note that MATH 12500 is a co-requisite to General Chemistry. The minimum of 14 credits include the following required courses below. In addition, students will be required to take at least 5.5 credits of electives selected from Chemistry offerings numbered 200 or above, excluding CHEM 29101.

## Required courses for the Minor

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22300-Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## Minor in Chinese

The Minor in Chinese consists of 12 credits. Students must take four courses at or above CHIN 200-level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

## Minor in Classical Archaeology

12 credits
CLA 20400 Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
CLA 22100 Greek Archaeology (W)

One other course in Classical Archaeology at the 200- or 300-level.

Note: CLA 204 is a prerequisite for all other Classical Archaeology courses.

## Minor in Classical Studies

12 Credits:

1. CLA 10100-Classical Mythology
2. CLA 20100 - Greek Civilization (W)
3. CLA 20300 - Roman Civilization (W)
4. One course with a CLA prefix at the 200- or 300- level (e.g. literature in translation or upper-level culture courses)

Note: CLA 10100, CLA 20100, and CLA 20300 have no prerequisites

## Minor in Community Organizing

## Requirements for the Minor: Minor in Community Organizing (CO)

Students are required to take the following courses in sequence:<br>SW 36000 Introduction to Community Organizing - 3 credits<br>SW 46000 Advanced Community Organizing Theory \& Practice -3 credits (Spring Year One)<br>SW 37000 Community Organizing Internship and Field Seminar (formerly SOSCI 397) - -100 hours-3 credits (Spring or Fall Year One)<br>Sub-total $=\mathbf{9}$ credits<br>Students are required to select two 3 credit electives from a menu of 3 credit elective courses approved by 11 Departments and Programs: Africana \& Latino/Puerto Rican Studies; Anthropology; Community Health; Film \& Media Studies; History; Political Science; Public Policy; Psychology; Sociology; Urban Studies; Women \& Gender Studies.

No courses in the student's major department or program may be applied to meet this minor's 6 credit elective requirement.

Sub-Total $=\mathbf{6}$ credits

## Total Credits for the Minor $=\mathbf{1 5}$ credits

## Community Health:

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.
prereq: acceptance to the COMHE major or permission of the instructor.

3 hrs
3 cr.

## COMHE 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

## COMHE 41100 - Community Health Assessment

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr.

## Urban Studies:

## URBS 10100 - Urban Life: Personal and Observational View (W)

## Hunter Core

Individual \& Society - Social Science I\&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr.

## URBS 20100 - Urban Plans and Policies

GER
2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal,
neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making.
prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr.
URBS 31000 - Methods of Urban Research and Policy Analysis

GER
3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr .

## Sociology:

## SOC 21700 - Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .

## SOC 23500 - Community Organization and Action

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
$3 c r$.
SOC 23700 - Social Welfare Policy

GER
3/B
Development of welfare institutions. Consequences of welfare services for client and community.
prereq: SOC 10100
3 hrs
3 cr.
SOC 23900 - Child Welfare (W)

GER
3/B
Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000

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3 hrs
3cr.
```


## SOC 25300 - Deviance and Social Control

## GER

3/B

Theories of causation and analysis of particular types of deviance: sexual, criminal, political.
prereq: SOC 10100
3 hrs
3 cr .

SOC 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr .

SOC 25900 - Mass Media, Communication and Public Opinion (W)

GER
3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr .

SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr .

SOC 30900 - Social Movements and Social Change (W)

GER
3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 31700 - Class, Status, and Power

GER
3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 31900 - Criminology

GER
3/B

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 32000 - Law, Society and Civil Rights

GER
3/B

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

## Africana \& Puerto Rican/Latino Studies:

## AFPRL 18200-Culture and Ethnic Identity

## Hunter Core

World Culture and Global Issues (WCGI)

## AFPRL 20500 - African American Politics of Social Change

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
```

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr .

## AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)

Pluralism and Diversity
PD/B
GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr .

## AFPRL 32100 - Caribbean Migration and New York City (W)

Pluralism and Diversity
PD/A or B
GER
3/B

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr

## AFPRL 38400 - Poverty in Society (W)

## GER

3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
$3 c r$.

## AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

Pluralism and Diversity
PD/B
GER

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr .

## Anthropology:

## ANTHC 21800 - The Anthropology of the Civil Rights Movement in the U.S.

```
Pluralism and Diversity
PD/B
GER
3/B
```

This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.
prereq: ANTHC 10100 or departmental permission
prereq or coreq: ENG 120
3 hours
3 credits

## ANTHC 30100-Gender in Anthropological Perspective

## Pluralism and Diversity

PD/C
GER
3/B
Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 32076 - Language, Sex and Gender

```
Pluralism and Diversity
PD/C
GER
3B
cross-listed WGSA 300.53
prereq: ANTHC 15100 or permission from instructor and or department
3 hrs
3cr.
```


## Psychology:

## PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
3 cr .

## PSYCH 23000 - Social Psychology (D/S)

## GER

3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive

3 hrs
3 cr.

## PSYCH 23500 - The Psychology of Women (D/S)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensivecross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## PSYCH 33400 - Cultural Psychology (D/S)

As ours society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b)

Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology d) cross-cultural models of self, attention, perception, morality, memory, human development and health, e) cultural differences in gender effects and f) policy implications of cultural psychology
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

## Public Policy:

## PUPOL 10000 - Introduction to Public Policy

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines. Writing Requirements:This course will require 20 to 25 pages of writing in the form of two take home essay examinations ( $4-5$ pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr .

## SOC 21800 - Social Inequality

## GER

3/B

Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr.

## Film And Media Studies:

## FILM 32700-Representations of Race and Ethnicity in U.S. Media

## Pluralism and Diversity

PD/B
GER
3/A

[^1]4 hrs
3 cr.

## FILM 32800 - Images of Resistance in the Developing World

```
Pluralism and Diversity
PD/A
GER
3/A
```

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr .

## MEDIA 37000 - The Press and the Public

## GER <br> 3/A

Analysis and discussion of relationship of the press to great issues of our time.
prereq: MEDIA 18000
3 hrs
3 cr .

MEDIA 38100 - Propaganda and the Mass Media

## GER

3/A
Study of mass media (broadcast, film, print) as forms for propaganda.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38400 - Women and Media

Pluralism and Diversity
PD/C
GER
3/A
Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGSA $38400(\mathrm{~W})$
prereq: MEDIA 18000
3 hrs
3 cr .

## History:

## HIST 31700 - History of the American City

## Pluralism and Diversity

PD/D
GER
3/B

History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31800 - History of the American Working Class (W)

Pluralism and Diversity
PD/D
GER
3/B

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

- HIST 3411J - Terror and the Constitution: Free Speech in the U.S. Since 1886 *
- HIST 38225 - LGBT Living in the Global 20th Century *
- HIST 34100 - Race \& Racism in U.S. History *
- HIST 34120 - Women and Gender in Islam *
- HIST 38224 - Black Women's History: From Mum Bett to Michelle Obama and Beyond *


## Political Science:

## POLSC 20900 - Women and Gender in Western Political Thought (W)

```
Pluralism and Diversity
PD/C or D
GER
3/B
Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3cr.
```

GER
3/B

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 21500 - Public Opinion and Political Participation (W)

## GER

3/B

What American people think about politics and how they express it, from polls to elections to demonstrations. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 21800 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes. cross-listed WGSP 21800 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 22100 - U.S. Immigration Policy (W)

Pluralism and Diversity
PD/B -or- PD/C
GER
3/B

The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.
prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr.
POLSC 22800 - Protest Movements in American Politics (W)

Pluralism and Diversity
P/D B or C
GER
3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

## POLSC 32000 - Ethnic Politics (W)

## Pluralism and Diversity

PD/B
GER
3/B

Ethnicity in local and national politics. Major groups, how they affect government, what government does for them. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 30500 - Democratic Theory (W)

## GER

3/B
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## POLSC 30900 - Feminist Political Theory (W)

## Pluralism and Diversity

PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

- POLSC 27225 Comparative LGBT Politics *


## Women \& Gender Studies:

WGS 24400 - Transnational Feminisms

## Pluralism and Diversity

PD/C
GER
3/A or B

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.
prereq: WGS 10000, ENGL 12000
3 hrs
$3 c r$.

## WGSS 15000 - Introduction to LGBTQI Studies

## Pluralism and Diversity <br> PD/C <br> GER <br> 2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

3 hrs
3 cr .

## WGSS 26600 - Our Bodies, Our Politics

## Pluralism and Diversity <br> PD/C

Sex and sexuality are commonly understood as an innate drive, but as science has recently begun to show, the way we experience sexuality is better understood as a series of connected cultural practices. It is the constructed meaning attached to the act of sex that make up the foundation of our sexuality. This meaning changes across cultures and communities and has historically been a subject of political and legal struggle. From the battle for reproductive rights to laws limiting dildo ownership in Texas, our own bodies and the way we experience them are legislated and controlled.
prereq: ENGL 12000
3 hrs
3 cr .

## WGSL 30600 - Gender and Migration

## Pluralism and Diversity

PD/B
GER
3/B
This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.
prereq: WGS 10000 and ENGL 12000
3 hrs
$3 c r$.

- WGSS 30002 - Reproductive Rights in the United States *
- WGSL 20004 - Gender and Human Rights *
- WGSL 20010 - Sexuality, Race and Economics *
- WGSC 20001 - Writings from Detention: Repression, Gender \& Politics *
- WGSP 20003 - Prison Writing Memoirs *
- WGSP 20010 - Gender, Sexualities \& Indigenous Rights *
- WGSP 20011 - Sex Education and Public Policy *
- WGSP 20051 - Gender, Disability \& Embodiment *
- WGSP 20057 - Gender \& Health Policy *
- WGSP 20070 - Prison, Human Rights \& Gender


## Courses followed by '*' are experimental and will be offered only certain semesters. Please check the schedule of classes.

## Minor in Computer Science

An applied minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses - note that MATH 12500 is a prerequisite course to CSCI 12700 however MATH 125 does not count towards the Computer Science Minor:

- CSCI 12700 - Introduction to Computer Science ( 3 credits, 3 hours)
- CSCI 13300 - Programming for Everyone ( 3 credits, 3 hours)
- CSCI 23200 - Relational Databases and SQL Programming, with Lab (3 credits, 3 hours)
- CSCI 23300 - Programming Projects Seminar for Minors (1 credit, 2 hours)

In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 135 or above. Although you may take any Computer Science course numbered 135 or above, courses that require only one or more of the above courses as prerequisites include:

- CSCI 13500 - Software Analysis and Design I (3 credits , 3 hours) and CSCI 13600-Supervised Programming Lab (1 credit, 2 hours)
- CSCI 15000 - Discrete Structures (4 credits, 4 hours)
- CSCI 26700 - Microprocessors and Embedded Systems (3 credits, 3 hours)
- CSCI 16000 - Computer Architecture I ( 3 credits, 3 hours)


## Minor in Cultural Anthropology

The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that
may be approved by the departmental undergraduate advisor. In order to graduate with a Cultural Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Courses (12 cr.):

## ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr .
offered every sem.

## ANTHC 20100-The Middle East: Societies and Cultures

```
Pluralism and Diversity
PD/A
GER
3/B
Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3 cr .
```


## ANTHC 21400 - The Caribbean: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3 hrs
3 cr .

## ANTHC 21500 - The Anthropology of Black America (W)

Pluralism and Diversity
PD/B
GER
3/B

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.

```
prereq: ENGL 12000
```

3 hrs
3 cr .

## ANTHC 27500 - Reading Ethnographies (W)

## GER

3/B
Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## ANTHC 30100-Gender in Anthropological Perspective

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 30700-Anthropology of Religion

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr .

## ANTHC 30900-Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.
ANTHC 31000 - Politics and Power in Anthropological Perspective

## Pluralism and Diversity

PD/A
GER
3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31100-Anthropology of Art

```
Pluralism and Diversity
GER 3/B
Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.
3 hrs
3cr.
```


## ANTHC 31200 - Anthropological Approaches to Sexuality

Pluralism and Diversity
PD/C
GER
3/B
Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.
prereq: ANTHC 10100
3 hrs
3 cr .

## ANTHC 31500-Applied Anthropology

## GER

3/B`
Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31800-History of Anthropological Theory

## Pluralism and Diversity

PD/D
GER
3/B
Changing approaches to the study of society and culture. Political and historical context of the development of theory,
the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

## ANTHC 32000 - Problems in Anthropology

## GER

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

## ANTHC 32200 - Family and Household in Anthropology and History

## Pluralism and Diversity

PD/C
GER
3/B

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100
3 hrs
3 cr.

## ANTHC 32500-Special Projects and Independent Research in Anthropology

## GER

3/B
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

## ANTHC 35100 - Language in Culture and Society

## GER

3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

## ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

## Minor in Dance

The Hunter College Dance Program Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field, from performance and creative work to analysis, production and pedagogy.

## Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

## DAN 10100 - Fundamentals of Contemporary Dance Technique

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
$2 c r$.

## DAN 10200 - Dance, Dancers and the Audience

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
GER 2/D
Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
3 cr .

## Additional required courses

## DAN 21000 - Contemporary Dance Technique I

## GER

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .

## DAN 22100 - Improvisation as a Creative Process I

## GER

3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr.
1 additional dance technique course, selected from the following:

## DAN 14500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
$2 c r$.

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

## DAN 22000 - Contemporary Dance Technique II

## GER

3/A
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
$2 c r$.

## DAN 24500 - Ballet I

## GER

3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
2 cr .

DAN 25200 - Special Topics: Traditional Dance I

## Pluralism and Diversity

GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: placement class
4 hrs
2 cr .

DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity <br> GER 3/A <br> Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.

prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

## DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity

GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department
4 hrs
2 cr.

DAN 34500 - Ballet II

GER
3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on
the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
2 cr .

## DAN 35200 - Special Topics: Traditional Dance II

## Pluralism and Diversity

PD/A
GER
3/A
Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr .

## A minimum of 6 additional credits in dance

A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):
Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)

## Participation on one production crew

Participation on one production crew team for a fully produced dance program concert

## Note:

Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

## Minor in Economics

The economics minor consists of a minimum of 12 credits, including ECO 20000 - Principles of Microeconomics, ECO 20100 - Principles of Macroeconomics and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

## Minor in English

The English Department offers a 12-credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. The
prerequisite to declare a minor is ENGL 22000 - Introduction to Writing about Literature (W). Students minoring in English may choose four courses ( 12 cr .) from among 200- and 300-level literature, language, or writing offerings, with a minimum of two 300 -level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 30000 - Introduction to Creative Writing, with a minimum grade of B.

NOTE: No course below English 22000 counts towards fulfillment of the Minor except ENGL 21800 - Advanced Expository Writing . English minors may not take 400-level courses.

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000 , GEOL 10100 , GEOL 10500 , GEOL 18000 ; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100 *, GEOG 22600 , GEOL 28000 , or GTECH 20100 ; and
- at least one course (minimum of 3 credits) from the 300-level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).
*PGEOG 25000 is a prerequisite for PGEOG 25100


## Minor in Film

Students who wish to minor in Film must complete a total of 15 credits in addition to Film 101, which is a prerequisite for all Film courses.

1. Prior to declaring a Film Minor, students must take FILM 10100.
2. Film Minors must then enroll in either FILM 21100 - Film History I: 1895-1942 ; 3 cr.) or FILM 21200 Film History II: Since $1942 ; 3$ cr. FILM 10100 is the prerequisite for both courses.
3. Once Film Minors complete this film history requirement, they must take two classes from the 200-level ( 6 crs. total) and two classes from the 300 -level ( 6 crs . total). No film production classes (designated FILMP) are available to Film Minors, with the exception of Screenwriting I (FILMP 27600 - Screen Writing I - The Short (W)) and FILMP 37700 - Screen Writing II The Feature (W)). Film Minors must satisfy all other course prerequisites.

## Minor in French Culture and Literature in Translation

This course of study provides the opportunity to students with no knowledge of the French language to be introduced to French Culture \& Literature. This minor offers an interesting complement or context to studies in other fields (such as history, philosophy, political theory or women's studies) that have benefited, historically, from French influences.

The courses in this minor are to be chosen from a selection of 200-level courses, taught in English, such as
FREN 24100 - Early French Civilization: From Gothic to Revolution
FREN 24200 - Modern French Civilization: From Revolution to Present

FREN 25100 - French Literature and the Arts
FREN 25200 - From Symbolism to Surrealism in French Literature

FREN 25300 - Modern French Theatre: Theory and Practice
FREN 25400 - Film and the French Novel
FREN 25500 - New Approaches to Modern French Literature
FREN 25600 - Dream and Image (W)
FREN 25700 - Literary Cross-Currents
FREN 25800 - French Poetry in Translation
FREN 25900 - French Theatre in Translation

FREN 26000 - French Novel in Translation (1600-1900)
FREN 26100 - Modern French Novel in Translation (1900-Present)
FREN 26200 - Perspectives on Women in French Literature

## Minor in French Language \& Culture

The French minor consists of 15 credits:

## Prerequisite for the minor

## FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.
-or-

## FREN 20300 - Intensive Intermediate French

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .

## 3 language courses

to be chosen from:

## FREN 21100 - Intermediate Grammar and Composition

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr.
FREN 22000 - Advanced French Conversation
prereq: FREN 20200 or four yrs high school French
3 hrs
$3 c r$.
FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
$3 c r$.
FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

## 2 Culture \& Civilazation courses

to be chosen from:

## FREN 33500 - French Culture I

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French. prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
FREN 33600 - French Culture II

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French. prereq: FREN 20200 or four years of high school French
3 hrs
3 cr .

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr.

## Minor in French Literature

The French Literature minor consists of $\mathbf{1 5}$ credits:

Prerequisite for the minor

The prerequisite for the minor consists of:

## FREN 21100 - Intermediate Grammar and Composition

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr.

## Requirements

Students must first complete:

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.
and

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

```
Pluralism and Diversity
PD/D
GER
3/A
```

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
and then choose 3 courses from the following

## FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .

FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34600-18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr.
FREN 34900-19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de 1sle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

## FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

## FREN 36200 - The 17th Century: Special Topics

```
Pluralism and Diversity
PD/D
GER
3/A
3 hrs
3cr.
```

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
$3 c r$.

## FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
$3 c r$.

## FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

## Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEO or GTEC prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

## Minor in Geology

## A minor in geology consists of a minimum of 12 credits as follows:

## One course selected (at least 3 credits) from

## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10100 - Introductory Geology Lab

Hunter Core<br>Life \& Physical Sciences<br>GER<br>2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr .

## GEOL 10200 - Plate Tectonics and the Earth's Evolution

## GER

2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)

## 4 cr.

Offered fall.

## GEOL 10500 - Introduction to Environmental Geoscience

## Hunter Core

Scientific World (SW)
GER
2/E (Non lab course)

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
3 cr .

## GEOL 18000 - Introduction to Oceanography

## Hunter Core

Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring
and

## at least one course (minimum of 3 credits) selected from

## GEOL 20500 - Environmental Geology

GER
3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100

## GEOL 23100 - Principles of Geomorphology

## GER

2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr .

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr .
Fall
or other approved course, and
at least one course (minimum of 3 credits) from the following list of 300-level courses

## GEOL 33400-Geomorphology: The Study of Beaches and Coasts

## GER

3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.
prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr .
GEOL 38000 - Advanced Oceanography: Physics of the Oceans

GER
3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean.
Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.
prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr .

## GEOL 38300 - Special Topics in Geology and Oceanography

GER
3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GTECH 35100 - Field Techniques in Geography

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.
Material Fee: \$300-400
prereq: GTEC 20100, any two additional geography or geology courses, perm dept.
90 hrs field/lab work (3 days lab, 7 days field)
3 cr.
Offered summer intersession (check with dept. in April).

## PGEOG 36100-Global Climatic Change

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr.

## PGEOG 36300 - Environmental Hazards

## GER

3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: $P G E O G 13000$ or equiv.
3 hrs
3 cr.
or other approved course

## Other

A minimum of one lab* or field course** or other approved course with a field component is required
$\dagger$ PGEOG 25000 Earth System Science I (while not counted toward the geology minor) is a prerequisite for PGEOG 36100 .

## Minor in German

## I. Foundational Courses for the Minor Core

## GERMN 10100 - Elementary German I

Hunter Core
World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr.
-or-

GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr .

## II. Intermediate Core

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr.
-and-

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .
-or-

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## III. Required Core

Courses required for the Minor: 12 credits in language and literature taught in German at the 300 -level or higher.

- GERMN 30100 to 35900
- GERMN 38100 to 44400

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 320.00 and GERMN 35900. Students who begin their study of German in college may count GERMN 20100 and GERMAN 20200 or GERMN 20300 towards the minor and will need to take two courses at the 300-level.

## Minor in Hebraic Studies

Minor: 12 credits
The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200 -level or above, taught in English or in Hebrew. Two Hebrew language courses on 300-level or above may be used toward the minor requirement in lieu of two literature or culture courses.

## Minor in Hebrew

The Hebrew minor requires the successful completion of 12 credits at the 200-level or above. Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

## Minor in History

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

## Requirements:

1. Four history courses of 3 credits each (or 12 credits total) taken for a letter grade ( C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)
2. Courses must be distributed in at least two geographic fields, i.e. at least one course (3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)
3. At least two courses ( 6 credits) must be at the 300 -level or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.
4. At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must beapproved by the History Undergraduate Advisor.
There are no prerequisites for the minor, although certain courses may have their own prerequisites.

## Declaring a Minor in History:

Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the One Stop).

## Minor in International Relations

The International Relations (IR) minor is an inter-disciplinary course of study that allows students to examine international relations from different perspectives within a liberal arts curriculum. The International Relations minor introduces students to the major themes in IR: IR theories and approaches, peace and security, international political economy, foreign policy, and international norms and institutions.

## Requirements

- 15 credit minor-Students are required to complete at least one course from Group A and at least one course from two of the other four categories (Groups B-E).
- Students can take no more than three courses from one department.
- Students must complete at least one 300 -level course to fulfill the requirements of the IR minor.
- No more than two courses from the student's major can be applied toward the IR minor.

Note: Though not a requirement for the IR minor, students are strongly encouraged to study a foreign language.

## A. IR Theories and Approaches

These courses teach students the skills necessary to think and write clearly about IR.

## POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)

## GER

3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 37700 - Theories of International Politics (W)

GER
3/B

An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.
prereq: POLSC 11500 or 27000 or 27500 or 28200 or perm. instr.
coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## ECO 20000 - Principles of Microeconomics

Hunter Core<br>Scientific World (SW)<br>GER<br>2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS

GER
2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## GEOG 24400 - Political Geography

## GER

3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

## B. Foreign Policy and Analysis

These courses emphasize the foreign policies of countries or regions and research design and methods in IR.

## POLSC 20600 - Research Design in Political Science (W)

GER
3/B

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 27600 - Global Issues (W)

GER
3/B
Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.
prereq: ENGL 12000 or its equivalent

3 hrs
3 cr .

## POLSC 27400 - American Foreign Policy (W)

## GER

3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 37800 - Russian National Interest: Past and Present (W)

Pluralism and Diversity
PD/D
GER
3/B

In a contemporary, historical and comparative context, this course explores the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: ENGL 12000 or equiv; POLSC 11500 or POLSC 11700 or perm instr.
3 hrs
3 cr .

## POLSC 38400 - Comparative Foreign Policy (W)

An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.
prereq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; or permission of the instructor; may not be taken by students who have completed POLSC 373.14.
4 hrs.
4 cr .

## ECO 22100 - Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

## POLSC 27100 - International Politics in the Americas (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
3 cr.
or

## HIST 34100 - Topics in History

GER
3/B

Exploration of major trends, special controversies or significant events; topics vary each term.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## C. International Norms and Institutions

These courses teach students how global cooperation has been achieved through the creation of international law, international norms, and international institutions.

## POLSC 27800 - International Organizations (W)

## GER

3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 28100 - Drugs, Politics and Public Policy (W)

## GER

3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000

3 hrs
3 cr .

## POLSC 37400 - International Human Rights (W)

## GER

3/B

An examination of the origins, substance and processes of human rights in international relations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 37500 - International Law (W)

GER
3/B

The course will examine the sources, principles, functions, and effectiveness of international law. prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr.

## POLSC 38300 - Power Transitions, the U.S. and World Order (W)

GER
3/B

An examination of global power transitions and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.
prereq: ENGL 12000 (or equivalent), one course in international relations
4 hrs
$4 c r$.

## GEOG 33500 - International Pollution Issues

GER
3/B
A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
3 cr .
PGEOG 36100-Global Climatic Change

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr.

## D. International Political Economy

These courses emphasize international trade, finance, and development.

## POLSC 27500 - Politics of the Global Economy (W)

## GER

3/B

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 37600 - International Political Economy (W)

## GER

3/B

Examination of the intersection of politics and economics at the international level through a careful reading and analysis of dominant theoretical approaches and their application to central debates concerning the politics of trade, money and finance, development and globalization.
prereq: POLSC 11500 or 27000 or 27500; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
$4 c r$.

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr .
Offered fall and spring

## GEOG 37000-Geography of Sustainable Development in Developing Countries

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## ECO 33000 - Economic Development

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr .

## ECO 34000 - International Trade

GER
3/B

Theories of international trade and international trade policies.
prereq: ECO 20000
3 hrs
3 cr.

## ECO 34100 - International Finance

GER
3/B

Theories of exchange-rate determination and open-economy macroeconomic theory and policy. prereq: ECO 20100
3 hrs
$3 c r$.

## SOC 36100 - Development and Modernization (W)

Pluralism and Diversity
PD/A
GER
3/B
Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
$3 c r$.

## SOC 30700-Migration

## Pluralism and Diversity

PD/B
GER
3/B
Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .

## SOC 31100 - Population Dynamics

GER
3/B
Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

## E. International Peace and Security

These courses focus on peace, security, conflict, violence, war, and terrorism.

## POLSC 28200 - International Security (W)

GER
3/B
An introduction to basic concepts and problems in the area of international security, this course will explore explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.

3 hrs
3 cr .

## POLSC 28300 - Terrorism (W)

## GER

3/B
The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.
prereq or coreq: ENGL 12000 or the equivalent
3 hrs
$3 c r$.

## POLSC 37900 - War and Strategy (W)

## GER

3/B
An examination of strategy and wars between states, within states, and between states and transnational groups. Focuses on how strategy affects the avoidance, outbreak, conduct, and consequences of war and the difficulty of devising strategies that successfully link political ends and military means.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or the equivalent
4 hrs
4 cr .

## POLSC 38000 - European Security (W)

## Pluralism and Diversity

PD/D
GER
3/B
A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the $21^{\text {st }}$ century.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
4 cr .

## POLSC 38200 - Causes of War (W)

GER
3/B

An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.
prereq or coreq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
$4 c r$.

## Minor in Italian

## Prerequisite for the minor

## ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr .
-or-

## ITAL 22100 - Italian for Oral Communication

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .
or placement test

## - The minor of 12 credits utilizes four existing courses, all taught in Italian

## ITAL 31100 - Advanced Italian Grammar

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

## ITAL 31200 - Advanced Italian Composition

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 31100 or equiv.
3 hrs
3cr.
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## ITAL 32100 - Italian Translation

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 311 or equiv.
3 hrs
3 cr .

## ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr .

## Minor in Japanese Language

The Japanese Language Minor seeks to develop students' understanding of the Japanese language at an advanced level. With higher-level language courses, students will be exposed to more complex oral and written Japanese that will lead to a greater fluency in the language. To this end, the Japanese Language Minor requires completion of a minimum of 12 credits (4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement.

No grade below B- shall be considered to fulfill the requirements for this minor.

## Students must complete the following course:

## JPN 20200 - Intermediate Japanese II

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
3 cr .

## Students must take at least three of the following courses or an elective course approved by the department head ( 9 credit hours total):

## JPN 27100 - Japanese Reading: Recitation and Comprehension

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.
prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor
3 hrs
3 cr .

## JPN 30100 - Advanced Japanese I

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
prereq: JPN 20200 or equiv.
3 hrs
3 cr .

## JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.
3 hrs
3 cr.

## JPN 35100 - Advanced Japanese Conversation

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.
prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr.

## JPN 42103 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
3 hrs
3 cr .

## Minor in Japanese Studies

The Japanese Studies Minor seeks to develop students' understanding of Japanese culture, while also fostering a broader understanding of Japan's influence in the world. The required culture classes (JPN 25100 and JPN 25200 ) will give students a foundation specifically in Japanese culture and society, and the additional elective courses offer students the option to customize the aspects of Japan they want to research.This minor is designed to be flexible and accommodate students who do not take Japanese language classes, but rather have an interest purely in Japanese culture. The majority of classes that satisfy this minor are taught in English, however some Japanese language classes
can be used to fulfill it. Students who complete the minor will have a well-rounded perspective on Japanese history and contemporary issues that will give insight into Japan.

## Minor in Japanese Studies: 12 credits

No grade below B- shall be considered to fulfill these requirements.

## Students must complete the following courses (6 credit hours)

## JPN 25100 - Japanese Culture Before 1600

Pluralism and Diversity
PD/A
GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr
JPN 25200 - Japanese Culture Since 1600

```
Pluralism and Diversity
PD/A
GER
2/C
```

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

## Students must take at least two of the following elective courses or an elective course approved by the department head ( 6 credit hours total):

## JPN 27100 - Japanese Reading: Recitation and Comprehension

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.

```
prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor
3 hrs
3 cr.
```


## JPN 35100 - Advanced Japanese Conversation

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.
prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr.

## JPN 42103 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
3 hrs
3 cr .

## ASIAN 21000 - Asians in the U.S.

## Hunter Core

I\&S
Pluralism and Diversity
PD/B
Critical nterdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.
Recommended for but not required of AASP Minors.
3 hrs
3 cr.

## ASIAN 22001 - Asian American Women Writers

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{B}$ or C
Critical examination of Asian American women's identity formations in relation to factors such as racial ideology, global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.

3 hrs
3 cr.

## ASIAN 32001 - Nation, Self, and Asian Identity

```
Pluralism and Diversity
PD/B
Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with
particular emphasis placed upon juridical constructions of citizenship, community, and belonging.
3 hrs
cr.
    - ASIAN 35152 Asian American Literature and Pop Culture
```


## FILM 21355 - National Cinema: Asian Cinema

Pluralism and Diversity
PD/A
GER
3/A
prereq: FILM 10100
4 hrs
3 cr .
HIST 27700 - East Asia to 1600

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 27800 - East Asia, 1600 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

# Students may petition for other courses to fulfill the elective requirement. No more than one class from other campuses or universities may be used to fulfill requirements. 

## Total credits required: 12 credits

## Minor in Jewish Studies

The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of higher learning may be applied to the minor. Jewish Studies minors cannot apply any 100 -level courses to the minor.

## Minor in Latin or Ancient Greek

Greek: 12 credits beyond GRK 10100/ GRK 10200
Latin: 12 credits beyond LAT 10100/ LAT 10200 or LAT 10700

## Minor in Legal Studies

The Legal Studies minor is an interdisciplinary course of study that allows students to examine the role and development of law from different perspectives within a liberal arts curriculum. Legal studies students will be introduced to the study of judicial opinions, theories of law and legal interpretation, the structure and role of legal institutions, and the operation of law in history and everyday life.

[^2]
## Program Requirements

## 15-credit minor

Students are required to complete at least one course from within each of the three categories below. Students can take no more than three courses from one department.

No more than two courses from the student's major can be applied toward the Legal Studies minor. Courses used to fulfill the Legal Studies minor may be used to meet any other degree requirements, including the political science major. Students should be aware that courses listed for this minor may have prerequisites within their home departments.

## Foundations of Legal Studies

These courses teach students foundational knowledge and skills that are important for thinking and writing clearly about law.

## PHILO 10300 - Introduction to Logic and Critical Thinking

## GER

2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr.
offered each semester

## PHILO 10600 - Philosophy, Politics and Society

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3cr.
offered each semester
```


## PHILO 17000 - Introduction to Logic and Scientific Method

## Hunter Core

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr .

Hunter Core<br>Flexible Core: US Experience in its Diversity<br>GER<br>1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## Legal Institutions and Legal Processes

These courses emphasize the "law on the ground." They tend to present a more external analysis of the role and operation of legal institutions, actors, and norms.

## POLSC 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C
GER
3/B
Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 23800 - The American Legal System (W)

GER
3/B

Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York law.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 24000 - The American Judiciary (W)

GER
3/B

The Supreme Court and other federal courts as part of policy-making process in American government. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 31000 - Comparative Legal Systems (W)

## GER

3/B

Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.
prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 37500 - International Law (W)

GER
3/B
The course will examine the sources, principles, functions, and effectiveness of international law.
prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr .
ASIAN 39002 - Asian American Civil Rights and the Law

```
Pluralism and Diversity
PD/B
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian
Americans.
3 hrs
3cr.
```

MEDIA 39400 - Mass Communications and the Law

GER
3/A
Relationship of mass media to significant constitutional problems.
prereq: MEDIA 18000
3 hrs
3 cr .
HIST 36400-American Constitutional History, 1783 to 1900

## Pluralism and Diversity

PD/D
GER
3/B

Development of constitutional thought from the framing of the Articles of Confederation to 1900.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## SOC 31900 - Criminology

GER
3/B

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 32000 - Law, Society and Civil Rights

GER
3/B
Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

## The Theory and Practice of Legal Interpretation

These courses emphasize the "law on the books," the way relative insiders, like legal theorists and judges, talk about the content of law. Courses in this category introduce students to judicial opinions as well as normative theories about the way law should be interpreted

## POLSC 34000 - Constitutional Law: Organizing the Government (W)

## GER

3/B
Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .

GER
3/B

Constitutional problems and Supreme Court decisions regarding race and sex discrimination.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.

## POLSC 34200 - Constitutional Law: The First Amendment (W)

GER
3/B

Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.

## ECO 37000 - Law and Economics

GER
3/B

Analytical tools of microeconomics are used to examine various aspects of the law, including property, contracts, torts, liability, and criminal and family law.
prereq: ECO 20000
3 hrs
3 cr .

## PHILO 25200 - Problems of Law and Morality

## GER

3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 34600 - Contemporary Theories of Justice (W)
GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

## Minor in Linguistic Anthropology

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies.

## Minor in Linguistic Anthropology

The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate advisor. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Choose from courses below:

## ANTHC 15100 - Introduction to Linguistics

Hunter Core<br>World Cultures and Global Issues (WCGI)<br>GER<br>2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

## ANTHC 32000-Problems in Anthropology

## GER

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

## ANTHC 35100 - Language in Culture and Society

## GER

3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

## ANTHC 35400-Grammatical Analysis and Theory

## GER

3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

## ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

## Minor in Mathematics

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:

- MATH courses numbered 15000 or above
- STAT 31100
- STAT 31200

Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

## Minor in Media Studies

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200-level course and at least one 300 -level course are required. The other three courses can be at any level. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

## Minor in Middle East Studies

The Minor in Middle East Studies seeks to develop students' understanding of the complex and interconnected political, economic, cultural, environmental, linguistic, historical, and religious issues in the region by fostering critical, interdisciplinary and global approaches to the study of the Middle East and its diasporas.

To this end, the Minor in Middle East Studies (MMES) requires completion of a minimum of 12 credits ( 4 courses). In addition, students are encouraged to fulfill the college language requirement through study of a regional language. However, there is no language requirement for the MMES.

No grade below B- shall be considered to fulfill these requirements.

## Admission to the Minor

Students who have completed at least 3 credits of relevant coursework in Middle East Studies (including regional languages) with an average GPA of 3.0 may apply for admission to the Minor. To declare the Minor, students will complete the Minor Declaration form and meet with the Director. For advising purposes students are encouraged to apply early in their academic careers. Any Middle East Studies related courses taken prior to declaring the Minor shall count toward the 12 credit minimum for the Minor in Middle East Studies.

Credits earned toward the Minor in Middle East Studies shall not also count toward the fulfillment of Major or other Minor requirements.

## Introductory survey course: 3 cr

All students will take one survey course in Middle East Studies chosen from among the following, or another general survey course subject to approval by the Director:

## ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3 cr.

## HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800

```
Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the
Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
cr.
```


## HIST 27651 - The Modern Middle East from 1800 to the Present

```
Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and
including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of
imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
```


## MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the
instructor
3 hrs
3 cr

## POLSC 26300 - Government and Politics in the Middle East (W)

## Pluralism and Diversity

PD/A
GER
3/B
Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
Additional courses may be developed to fulfill this requirement

## Electives: 9 cr

In addition, students will take a minimum of 9 credits in electives, and must choose at least one class focusing on the Middle East from each of the following three areas of concentration:
I) Historical Formations
II) Society and Politics
III) Arts, Literatures, and Cultures

Students may petition for other courses to fulfill the elective requirement.
Click here for a list of currently offered courses that meet these requirements:
List of Selected Approved Courses for the Minor in Middle East Studies
Students may fulfill 3 of the 9 credit hour elective requirement with advanced language and literature classes (3rd year and beyond), for Area of Concentration III) Arts, Literatures and Cultures. With the approval of the Director, students may take an independent study and one course from outside Hunter College to satisfy the requirements for the Minor.

## Minor in Music

The music minor consists of 15 credits in music:MUSTH 10100; MUSHL 10100 or MUSHL 10700; one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200 -level or higher. Prospective minors who have already mastered the material taught in the required 100-level courses (MUSTH 10100 and/or MUSHL 10100 or 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see Music 25 -Credit Major (BA)). Music minors must substitute more advanced courses in any area of music study, which may include private lessons and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

## Minor in Philosophy (the Standard concentration)

Prerequisite to the minor: one of 4 introductory philosophy courses

Chose one:

## PHILO 10100 - Introduction to Philosophy

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3cr.
offered each semester
```


## PHILO 10400 - Introduction to Ethics

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
```

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester
PHILO 10600 - Philosophy, Politics and Society
Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

PHILO 20400-Great Philosophers

## Hunter Core

Individual and Society (Humanities) -I\&S H

```
Pluralism and Diversity
PD/D
GER
2/C
```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr.
and

## ENGL 12000 - Expository Writing

## Hunter Core

English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

## The Philosophy Minor

The philosophy minor requires 12 credits at the 200 -level and above with no fewer than 3 credits at the 300 -level. Exceptions: PHILO 17000 may count toward the minor at the 200 -level and PHILO 20400 shall not count.

## Minimum gpa for the minor

A student must pass a minor in philosophy with a minimum GPA of 3.00.

## Note:

Students should always consult with a philosophy department adviser when constructing their minor. Some suggested tracks may be found on the philosophy department website http://www.hunter.cuny.edu/philosophy.

## Minor in Philosophy, Politics and Society (PPS)

A student must take, as a prerequisite to the minor, PHILO 10600 . This course does not count toward the PPS minor.

The PPS minor consists in taking 4 courses or 12 credits from the philosophy courses listed in the PPS major, at least one of which must be at the 300 -level. Non-philosophy courses counting toward the PPS major concentration may not count toward the PPS minor.

A student must pass the PPS minor with a minimum GPA of 3.00.

Note: When constructing a minor in the PPS concentration, a student should always consult with a philosophy department advisor beforehand.

## Minor in Physical Anthropology

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology. The Minor consists of a minimum of 12 credits. These must include ANTHP 101 Human Evolution ( 4 Cr ). The remaining credits can be filled by any AN-P courses. Also, one (and only one) nonANTHP course from the following list may count towards the minor. In order to graduate with a Physical Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

## Required course for the Minor:

## ANTHP 10100 (STEM) - Human Evolution

Hunter Core<br>Life and Physical Sciences (LPS) Scientific World (SW)<br>GER<br>2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## 8 or more credits from any of the following courses:

Note: Only one non-ANTHP may be used for the Physical Anthropology Minor.

## ANTHP 30100 - Human Fossil Record

Pluralism and Diversity
PD/C
GER
3/B

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr.

## ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500

3 hrs
3 cr .

## ANTHP 31000 - Primate Ecology and Behavior

GER
3/B
Examination of ecological factors responsible for the distribution and behavior of living primate species.
prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr .

## ANTHP 31100 - Primate Evolution

GER
3/B
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

## ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
3 cr.

## ANTHP 31600 - Human Evolutionary Adaptations

GER
3/B
How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

## ANTHP 40100 - Seminars in Selected Topics

Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr .

## ANTHC 12600 - Introduction to Prehistoric Archaeology

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B
```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students
with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## PSYCH 16000 - Evolution and Behavior

## GER

2/B
Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

## Minor in Physics

A minor in Physics consists of a minimum of 12 credits of PHYS courses, including two courses numbered above 200 or one course numbered above 300. Students who wish to enroll in the Physics Minor must have completed:

- MATH 15000
-and-
- MATH 15500.

The prerequisites for the 300-level courses include MATH 25000 and/or MATH 25400.

## Minor in Political Science

Students minoring in political science must complete 12 credits in political science. No more than three credits can be at the 100-level. No more than three credits in independent study (POLSC 29001-29003) can be used to satisfy the minor. Internship credits may not be applied toward the minor.

The minor in Political Science is designed to provide students with solid grounding in political science and to encourage them to develop depth in the discipline in an area that will complement their major or develop expertise in an area of particular interest to them.

The minor in Political Science allows students considerable flexibility in designing a minor that will best serve their academic goals. Students may, for instance, wish to focus on courses dealing with European politics and foreign policy to complement a major in a European language and culture. Students may concentrate their courses in one field of political science, or spread them across several fields. Students may consult an advisor in the Department of Political Science about their goals as they choose courses to satisfy the minor.

## Minor in Political Theory

The Political Theory Minor provides a concentration of study for students interested in political, social, and legal philosophy or thought, often related to public discourses, practices, and laws. It recognizes the interdisciplinary character of political theory, which operates at the intersection of the humanities and social sciences. It focuses on critical issues of ethics and power in history and the present, along with major authors in the traditions of political philosophy and thought.

The minor program consists of at least 15 credits taken from the courses listed below, or others as approved by the minor program advisor. Students must take at least 6 credits in philosophy and 6 credits in political science, including PHILO 10600 (or another 100-level PHILO course, with permission of the Advisor) and POLSC 20000. At least 3 credits must be taken at the 300 -level, and one course must be taken from each of the three Minor categories (listed below). No more than six credits that count towards the student's major may be used to fulfill this Minor.

## 1. Required Courses

## PHILO 10600 - Philosophy, Politics and Society

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

## POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS

## GER

2/B or 3/B
An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## 2. Current Courses That Count Towards the Political Theory Minor

Minor courses are to be selected from the following list of regularly taught courses or special topics courses in Philosophy or Political Science that pertain to the Minor but are irregularly taught (those interested in the latter should check with the advisor to verify that they may count toward the minor). In addition, one course, with significant theoretical content, offered in, e.g., Anthropology, Classics, Geography, History, Religion, or Sociology, may count toward the Minor, upon approval of the Political Theory Adviser.

## History of Political Philosophy and Thought

One Course on figures in, or periods of, political theory, eg., courses in the PHILO 38000 Major Figures in Philosophy (W) topic series:

## PHILO 38010 - Plato (W)

## GER

3A
Intensive study of the works and legacy of Plato.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-

## PHILO 38011 - Aristotle (W)

GER
3A
Intensive study of the works and legacy of Aristotle.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-

## PHILO 38070 - Hegel (W)

GER
3A
Intensive study of the works of Hegel.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
$3 c r$.
-or-

## PHILO 38076-Marx (W)

GER
3A

Intensive study of the works and legacy of Marx (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level 3 hrs
$3 c r$.
-or-

## PHILO 38086 - Foucault (W)

```
GER
3A
Intensive study of the works and legacy of Foucault.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
cr.
```

    -or-
    
## POLSC 20100 - Ancient to Early Modern Political Thought (W)

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-Or-

## POLSC 20200 - Modern Political Thought (1600-1900) (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

## POLSC 20300 - Political Thought Since 1900 (W)

Pluralism and Diversity
PD/D
GER
3/B
Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 20900 - Women and Gender in Western Political Thought (W)

```
Pluralism and Diversity
PD/C or D
GER
3/B
```

Examines history of political thought from the perspective of gender relations and the treatment of women.
cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.
-or-

## POLSC 30100-American Political Thought (W)

## GER

3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr .
Note: For more information on the topic series course click here: PHILO 38000 Major Figures in Philosophy (W)

## Basic Concepts and Themes

One course on theoretical or conceptual tendencies in political theory

## PHILO 22600 - African-American Philosophy (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-
PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

Pluralism and Diversity
PD/C
GER

Analyses of feminist theories and their practical implications. cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

## PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
-or-

## PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-
PHILO 25500 - Environmental Philosophy (W)

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.
prereq: ENGL 12000 and one course in Philosophy
3 hrs
3 cr .
-Or-
PHILO 31900-Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of $20^{\text {th }}$ century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level

3 hrs
3 cr .
-or-

## PHILO 34600 - Contemporary Theories of Justice (W)

## GER

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr
-or-

## PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr.
-or-
PHILO 39400 - Philosophical Problems

GER
3/A

Study of one or more major philosophical problems.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr.
-Or-

## POLSC 30200 - Critical Theory and Politics (W)

## GER

3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation. prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor. 4 hrs
4 cr.
-or-

## POLSC 30500 - Democratic Theory (W)

## GER

3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.
-Or-

## POLSC 30900 - Feminist Political Theory (W)

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
-or-

## POLSC 31600 - Political Theory of Human Rights (W)

## GER

3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice. prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## Theoretical Dimensions of Contemporary Controversies

One course on problems or issues in political theory
PHILO 20080 -or-

PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity PD/B

## GER <br> 3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

## PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.
```

-or-

## PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
-or-

## PHILO 25200 - Problems of Law and Morality

## GER

3/B

Philosophy of law and the relation of legal to ethical issues. prereq: ENGL 12000 and one previous course in philosophy. 3 hrs
3 cr .
-or-

## PHILO 25500 - Environmental Philosophy (W)

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.
prereq: ENGL 12000 and one course in Philosophy

3 hrs
3 cr . -or-

## PHILO 34600 - Contemporary Theories of Justice (W)

## GER

3/B
A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr
-or-

## PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr .
-or-

## PHILO 39400 - Philosophical Problems

## GER

3/A

Study of one or more major philosophical problems. prereq: variable (see Program Prerequisites)
3 hrs
3 cr .
-or-

## POLSC 20400 - Contemporary Issues in Political Theory

## GER

3/B
Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority. POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

GER
3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000
4
4
-or-

## POLSC 30400 - Contemporary Issues in Political Theory

GER
3/B
Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr .
-or-

## POLSC 30500 - Democratic Theory (W)

GER
3/B
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
-or-

## POLSC 30900-Feminist Political Theory (W)

## Pluralism and Diversity

PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.
-or-

## POLSC 31600 - Political Theory of Human Rights (W)

## GER

3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## Minor in Psychology

The minor in psychology is designed to expose students to a variety of content areas in the field of psychology and to provide the student with the ability to evaluate psychology research as a consumer. To declare a psychology minor, the student must have completed any 100 -level psychology course with a minimum grade of C and a required mathematics course with a minimum grade of C or CR. The mathematics requirement may be satisfied by STAT 11300 or MATH 12500 or by an appropriate score on the mathematics placement test. The minor in Psychology consists of 15 credits in Psychology, as follows:PSYCH 10000 and any other 3 cr. PSYC course; PSYCH 21500 ; and any 2 200-level PSYC courses below PSYCH 24800. The total number of credits to fulfill all minor requirements, including credits for all prerequisites, is 18: 15 credits in PSYC course and 3 credits in STAT 11300 or MATH 12500.

## Minor in Religion

The Minor in Religion consists of four courses for a total of 12 credits.

- The following two courses are required:
- REL 11000 - Nature of Religion (W)
- REL 11100 - Approaches to Religion (W)
- Also required for the Minor in Religion:
a) one course to be chosen from those listed under the category "Religious Traditions"; and
b) one course from the category "Issues in Religion" reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300 -level course.

## Minor in Russian Language and Minor in Russian Literature and Culture

The Program will encourage students to take the Russian minor. The minor consists of minimum of 12 credits. Students wishing to minor in Russian should either pass a proficiency test or take the language sequence of RUSS 10100 RUSS 10200 ; RUSS 20100 -RUSS 20200 . Courses taken toward the Russian minor could follow two tracks:

Track I: Russian Language Minor
Prerequisite:RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 \& RUSS 30200 ; RUSS 31700 or RUSS 31800 or RUSS 31900; plus one literature course taught in Russian.

Track II: Russian Literature and Culture Minor

Prerequisite:RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 \& RUSS 30200 and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

## Minor in Sociology

The minor in Sociology requires four courses with 12 credits which students have to pass with a GPA of at least 2.0. Students minoring in Sociology must take SOC 10100 - Introduction to Sociology, the prerequisite for all other sociology courses, SOC 22100 - Classical Sociological Theory and two additional courses selected from those offered on a regular basis. It is recommended but not required that one sociology course on the 300 or higher level be included.

## Minor in Spanish

The Spanish minor consists of 15 credits of courses that are taught entirely in Spanish and combines language, civilization, and literature.

## - The prerequisite for a Spanish minor consists of either

## SPAN 20200 - Intermediate Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .
-or-

## SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.
or equivalent proficiency

## Minor in Spanish Cultures and Literatures

The following courses are required for a minor in Spanish Cultures and Literatures:

## Two language courses (6 credits)

above the SPAN 20200 (non-heritage speakers) or SPAN 20800 (heritage speakers) level, at least one of which must be a 300-level course. Recommended courses are:

## SPAN 21100 - Spanish Grammar and Composition

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr .

## SPAN 22100 - Spanish for Oral Communication

Not for fluent Spanish speakers. prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr .

## SPAN 27000 - Spanish Composition for Spanish Speaking Students

prereq: SPAN 20800 or perm adviser
3 hrs
3 cr .

## SPAN 31100 - The Structure of Modern Spanish

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

## SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .
One civilization course (3 credits)
chosen from

## SPAN 33500 - Spanish Civilization

Pluralism and Diversity
PD/D
GER
3/A

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.
-or-

## SPAN 33600 - Latin American Civilization

## GER

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

## Two literature courses (6 credits)

on Spanish or Latin American literature. Recommended courses include:

## SPAN 27500 - Readings in Modern Spanish Literature

```
Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm
3 hrs
3cr.
```


## SPAN 27600 - Readings in Modern Spanish- American Literature

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.
prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr.

Alternately, students may take 300-level Spanish and Latin American literature courses from the following list by special permission of adviser:

## SPAN 34300 - Spanish Literature of the Middle Ages

Pluralism and Diversity
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of
women since the 12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
$3 c r$.

## SPAN 34500 - Spanish Drama of the Golden Age

```
Pluralism and Diversity
PD/D
GER
3/A
```

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
$3 c r$.
SPAN 34600 - Cervantes

Pluralism and Diversity
PD/D
GER
3/A
Don Quijote.
prereq: SPAN 34100
3 hrs
$3 c r$.

## SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 35000 - Spanish Poetry of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100

3 hrs
3 cr .

## SPAN 35300 - Spanish Neoclassicism and Romanticism

```
Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3cr.
```


## SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A

From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 35700 - Early 20th Century Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature. prereq: SPAN 34100
3 hrs
3 cr .
SPAN 35800 - Post-Civil War Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A
Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
$3 c r$.

## SPAN 36000 - Spanish-American Literature of the Colonial Period

## GER

3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr.

## SPAN 36600 - Contemporary Latin American Poetry

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr.

## SPAN 36700 - Latin American Essay

## GER

3/A
Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 36800 - Contemporary Latin American Narrative

## GER

3/A
Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 37000 - Special Topics in Spanish Literature

## Pluralism and Diversity

PD/D
GER
3/A
May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

## Note:

Students may use transfer credits and credits from the Hunter programs in Spain and Argentina up to a maximum of 6 credits. At least 9 credits of the minor must be completed in residence at Hunter.

## Minor in Statistics

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the Department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate statistics adviser concerning course selection.

## Minor in Theatre

A Minor in Theatre requires a minimum of 12 credits in the Department of Theatre at the 200 -level or higher of which at least 3 credits must be at the 300 -level (these are usually at least 3 credits). Minors are required to take all necessary prerequisites for these courses. Minors have access to all courses offered by the Department of Theatre. Minors are encouraged to participate in departmental and student productions. Interested students must meet with the undergraduate advisor in the Department of Theatre to declare a minor and to define their course of study.

## Minor in Women and Gender Studies

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000 ), Classics in Feminist Thought (WGS 20100), Transnational Feminisms (WGS 24400 ) and one elective course from one of the six areas of concentration.

WGS 10000 - Introduction to Gender and Sexuality Studies, must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400-Transnational Feminisms.

## Minors in Philosophy

Students may declare an optional minor in Philosophy (the Standard concentration) or a minor in the Philosophy, Politics, Society (PPS) concentration. In either case a minor in Philosophy is comprised of 12 credits at the 200-level or above, including no fewer than 3 credits at the 300 -level. Exceptions: PHILO 17000 may count toward the minor at the $200-$ level and PHILO 20400 shall not count. PHILO 20400 is excluded from counting toward the minor, because it is an, albeit advanced, introductory course. A student must pass a minor in philosophy with a minimum GPA of 3.00.

When constructing a philosophy minor in either the standard or the PPS concentration, a student should always consult with a philosophy department advisor beforehand.

A third minor, Political Theory, is offered jointly between the Philosophy and Political Science departments. This minor consists of 15 credits. All three minors are described below:

- Standard Philosophy Minor
- Minor in Philosophy, Politics and Society (PPS)
- Minor in Political Theory


## Standard Philosophy Minor

Students should follow their interests in choosing the courses taken to satisfy the minor. Usually this will involve choosing courses related to the student's major. Ideally the minor will allow the student to study the philosophical issues associated with a field or period of history in increasing depth.

## Prerequisite to the minor:

## PHILO 10100 - Introduction to Philosophy

## Hunter Core

Individual and Society (Humanities) -I\&S H
GER

Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester

## PHILO 10300 - Introduction to Logic and Critical Thinking

## GER

2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr .
offered each semester

## PHILO 10400 - Introduction to Ethics

## Hunter Core

Individual and Society (Humanities) -I\&S H
GER
2/C

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester

## PHILO 10600 - Philosophy, Politics and Society

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

## PHILO 20400 - Great Philosophers

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

## ENGL 12000 - Expository Writing

## Hunter Core

English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
$3 \mathrm{hrs}+$ conf
3 cr .

## Some suggested tracks are listed below:

## Logic and Mathematics

## PHILO 17000 - Introduction to Logic and Scientific Method

## Hunter Core

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs .
3 cr .

## PHILO 27500 - Symbolic Logic

GER
3/B
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
$3 c r$.

## PHILO 27900 - Inductive Logic

GER
3/B

Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the
probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 36400 - Philosophy of Language (W)

## GER

3/A

Inquiry into the philosophical significance of language, its structure, meaning, reference and use.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 37500 - Advanced Symbolic Logic

## GER

3/B
A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.
prereq: PHIL 27500 or equiv.
3 hrs
3 cr .
PHILO 37600 - Philosophy of Mathematics (W)

## GER

3/B
Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.
prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
3 cr .

## Natural and Social Sciences

## PHILO 17000 - Introduction to Logic and Scientific Method

## Hunter Core

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs .
3 cr.
PHILO 21500 - Foundations of Modern Philosophy (W)

## Pluralism and Diversity

PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 26800 - Philosophical Psychology (W)

GER
3/B
Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 27000 - Philosophy, Science and Culture (W)

GER
3/B
Issues relating to the impact of modern science on philosophy, religion and culture.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 27500 - Symbolic Logic

## GER

3/B
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

## PHILO 27900 - Inductive Logic

## GER

3/B
Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr .

## PHILO 37500 - Advanced Symbolic Logic

## GER

3/B

```
A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability. prereq: PHIL 27500 or equiv.
3 hrs
3 cr .
```

PHILO 37900 - Philosophy of Science (W)

## GER

3/B
Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
$3 c r$.

## Psychology and Mind

four of

## PHILO 20100 - Knowledge and Reality (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

## Pluralism and Diversity

PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr .

## PHILO 21500 - Foundations of Modern Philosophy (W)

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 26800 - Philosophical Psychology (W)

## GER

3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 36600 - Philosophy of Mind (W)

## GER

3/A

Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
Cognitive Psychology
four of

## PHILO 20100 - Knowledge and Reality (W)

## Pluralism and Diversity

PD/D
GER
3/A

Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21500 - Foundations of Modern Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 26800 - Philosophical Psychology (W)

## GER

3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 36200 - Theory of Knowledge (W)

## GER

3/A

Study of origin, structure, methods and foundations of human knowledge. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

PHILO 37900 - Philosophy of Science (W)

GER
3/B
Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## English and the Arts

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21800 - Revolutions in Modern Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22800 - Existentialism (W)

Pluralism and Diversity
PD/D
GER
3/A

Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 25600 - Philosophical Ideas in Literature (W)

GER
3/A

Analysis of major philosophical themes in some classics of world literature.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 25800 - Aesthetics (W)

GER
3/A

Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 38000 - Major Figures in Philosophy (W)

```
GER
3/A
Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3cr
```


## History of the modern world

four of

## PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A
Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 22800 - Existentialism (W)

Pluralism and Diversity
PD/D
GER
3/A

Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 24600 - Political Philosophy (W)

## GER

3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 24800 - International Ethics (W)

## GER

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B
Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 31900-Marxist and Critical Theory (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of $20^{\text {th }}$ century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr .

## History of the classical and medieval world

four of

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
cr.
```

PHILO 21400-Medieval Philosophy (W)
Pluralism and Diversity
PD/D
GER
3/A

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22300 - Neoplatonism (W)

Pluralism and Diversity
PD/D
GER
3/A

A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)

```
PHILO 38063 Hume (W)
PHILO }38068\mathrm{ Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3cr
```


## American history or culture

four of

## PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.
PHILO 23000 - Feminism: Philosophical Theory and Practice (W)
Pluralism and Diversity
PD/C
GER
3/A

Analyses of feminist theories and their practical implications. cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.

## PHILO 32000 - Twentieth-Century Philosophy (W)

## GER

3/A
Survey of such movements as pragmatism, process philosophy, analytic philosophy, existentialism, phenomenology, feminism and post modernism through consideration of such representative figures as Dewey, Moore, Whitehead, Russell, Husserl, Heidegger, Wittgenstein, Ayer, Sartre, De Beauvoir, Quine, Rorty and Rawls.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
$3 c r$.
Law

## PHILO 24600 - Political Philosophy (W)

## GER

3/B
Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 25200 - Problems of Law and Morality

GER
3/B
Philosophy of law and the relation of legal to ethical issues. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

## Ethics

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
```

PHILO 24400 - Moral Philosophy (W)

## GER

3/A

Study of selected problems in philosophical ethics and moral psychology. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 24800 - International Ethics (W)

## GER

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B
Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 25200 - Problems of Law and Morality

## GER

3/B

Philosophy of law and the relation of legal to ethical issues. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 34400 - Contemporary Theories in Ethics (W)

GER
3/A

A study of important theories in contemporary ethics, such as rule utilitarianism, intuitionism, prescriptivism, and constructivism.
prereq: 2 courses in philosophy, 1 at the 200-level.
3 hrs
3 cr

## Religion

four of

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21400-Medieval Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22300 - Neoplatonism (W)

Pluralism and Diversity
PD/D
GER
3/A
A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 22800 - Existentialism (W)

Pluralism and Diversity
PD/D
GER
3/A
Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

GER
3/A

Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr.

## PHILO 36000 - Metaphysics (W)

GER
3/A

Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

## PHILO 38000 - Major Figures in Philosophy (W)

## GER

3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

## Other Degrees

# Area of Concentration 1: Feminist Thought and Theory (WGST) 

Return to Women and Gender Studies - BA
Courses with the prefix WGST denote courses that can be taken under the area of concentration Feminist
Thought and Theory.

- WGST 400.53 Body Politics:Sexuality and Reproduction
- WGST 20900 Women and Gender in Western Political Thought (W)
- WGST 23000 Feminism: Philosophical Theory and Practice (W)
- WGST 30900 Feminist Political Theory

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

- POLSC 486.57 - Body Politics: Sexuality and Reproduction
- POLSC 20900 Women and Gender in Western Political Thought (W)
- PHILO 23000 Feminism: Philosophical Theory and Practice (W)
- POLSC 20900 Women and Gender in Western Political Thought (W)
- POLSC 30900 Feminist Political Theory (W)

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

## Area of Concentration 2: Sexualities (WGSS)

Return to Women and Gender Studies - BA

## Courses with the prefix WGSS denote courses that can be taken under the area of concentration Sexualities.

- WGSS 15000 - Introduction to LGBTQI Studies
- WGSS 17000 - Psychology of Human Sexuality
- WGSS 19000 - Development of Gender Roles
- WGSS 21900 - Women and the Law (W)
- WGSS 25700 - Sex and Gender Roles
- WGSS 28700 - Masculinities
- WGSS 35100 - Gender, Science, and Technology
- WGSS 38700 - Queer Theory

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

- PSYCH 17000 Psychology of Human Sexuality
- PSYCH 19000 Development of Gender Roles
- SOC 25700 Sex and Gender Roles
- NURS 35100 Gender, Science and Technology

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

## Area of Concentration 3: Gender \& Public Policy (WGSP)

Courses with the prefix WGSP denote courses that can be taken under the area of concentration Gender and Public Policy

- WGSP 21900 - Women and the Law
- WGSP 22300 - Sociology of the Family
- WGSP 23500 - The Psychology of Women (W)
- WGSP 23900 - Child Welfare (W)
- WGSP 25100 - Women and Health
- WGSP 26100 - Women and Politics (W)
- WGSP 26200 - Women, War and Peace (W)
- WGSP 32000 - Internship Seminar: Feminist Activism and Advocacy
- WGSP 39800 - Community Leadership Seminar
- WGSP 49000 Leadership Field Work Internship

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

POLSC 21900 Women and the Law (W)
SOC 20100 The Family
PSYCH 23500 The Psychology of Women (D/S)
SOC 23900 Child Welfare (W)
HED 20100 Women and Health
ANTHC 400.54 - Ethnicity, Gender and Disease
COMHE 40008 - Women, Health and Society
Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

## Area of Concentration 5: Women and Gender across Cultures (WGSC)

- Return to Women and Gender Studies - BA

Courses with the prefix WGSC denote courses that can be taken under the area of concentration Women and Gender Across Cultures.

- WGSC 15600 Culture of Imperial Russia: The Age of Empresses
- WGSC 30100 Gender in Anthropological Perspective
- WGSC 30500 Women and Slaves in Classical Antiquity (W)
- WGSC 31800 Women in Africa (W)
- WGSC 32900 Women in the African Diaspora (W)

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

- ANTHC 30100 Gender in Anthropological Perspective
- CLA 30500 Women and Slaves in Classical Antiquity (W)
- CLA 240.70/ENLG 258.61 - Women in Ancient Greece
- RUSS 256.12 - Women in Russian Culture
- ASIAN 241.00 - Asian American Family
- AFPRL 290.94 - Gender Dynamics in Africa
- AFPRL 290.17 - Latina Women
- AFPRL 290.32 - Black Feminism
- ASIAN 390.06 - Gender and Sexuality in Asian American Literature
- GEOG 383.89 - Geography and Gender

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

## Area of Concentration 6: Gender, Literature and the Arts (WGSA)

Return to Women and Gender Studies - BA

## Courses with the prefix WGSA denote courses that can be taken under the area of concentration Gender, Literature and The Arts

- WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s
- WGSA 25000 - Women and Music (W)
- WGSA 26000 - Russian Women Writers in English Translation (W)
- WGSA 26900 - Spanish American Women's Literature and Cinema (W)
- WGSA 31900 - Advanced Topics in Literature by Women (W)
- WGSA 33700 - Caribbean Women Writers (W)
- WGSA 36100 - Russian Women Writers
- WGSA 38400 - Women and Media (W)

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

- MUSHL 25000 Women and Music (W)
- RUSS 26000 Russian Women Writers in English Translation (W)
- SPAN 26900 Spanish American Women's Literature and Cinema (W)
- ENGL 258.58 - Caribbean Women Writers (W)
- FILM 21500 Women and Film
- FREN 26200 Perspectives on Women in French Literature
- ASIAN 22001 Asian American Women Writers
- ANTHC 32076 Language, Sex and Gender
- MEDIA 38400 Women and Media

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

## Japanese Courses

The following are the courses offered in Japanese language and culture.

## Courses in Japanese Language/Culture

## JPN 10100 - Elementary Japanese I

```
Hunter Core
World Culture and Global Issues (WCGI)
Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and
conversation.
JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
3 hrs
cr.
```

JPN 10200 - Elementary Japanese II

Continuation of 10100.
prereq: JPN 10100 or equiv.
3 hrs
3 cr .

## JPN 20100 - Intermediate Japanese I

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.
prereq: JPN 10200 or equiv.
3 hrs
3 cr .
JPN 20200 - Intermediate Japanese II

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
$3 c r$.

## JPN 30100 - Advanced Japanese I

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
prereq: JPN 20200 or equiv.
3 hrs
3 cr .
JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.

## JPN 25100 - Japanese Culture Before 1600

Pluralism and Diversity<br>PD/A<br>GER<br>2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr

## JPN 25200 - Japanese Culture Since 1600

## Pluralism and Diversity

PD/A
GER
2/C
This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

## List of Approved Courses for GER Core Stage 1: Academic Foundations

## Stage 1A English Composition: 3 credits

This requirement introduces expository writing and academic discourse. Through reading, writing and rewriting, students learn to generate, explore and refine their own ideas, analyze and evaluate intellectual arguments, take positions and support them persuasively and write with sound grammar, varied sentence structure, logic and coherence.

ENGL 12000 - Expository Writing

```
Hunter Core
English Comp (EC)
GER
1/A
```

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

## Stage 1B Quantitative Reasoning: 3 credits

The goal of this requirement is to develop competence in mathematical and quantitative reasoning, including the use of numerical and graphical data in making judgments on personal, professional and public issues. Students who place out of MATH 125 are exempt from this requirement.

## CSCI 12100 - Computers and Money: Quantitative Reasoning in Context

## Hunter Core <br> Math and Quantitative Reasoning (MQR) <br> GER <br> 1/B

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics-stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet- based approach to understanding issues of money and personal finance.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr.

## ECO 22100 - Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

## MATH 10000 - Basic Structures of Mathematics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department prereq: CUNY Math Proficiency
3 hrs
3 cr .

## MATH 10200 - Mathematics and Everyday Life

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.
prereq: CUNY Math Proficiency
3 hours
3 credits

## MATH 10400 (STEM) - Mathematics for Elementary Education I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.
prereq: grade of C or better in MATH 10100 or appropriate score on the placement exam
3 hrs
3 cr .

## MATH 10500 - Mathematics for Elementary Education II

## GER

1/B

Continuation of MATH 10400. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity.
prereq: grade of C or better in MATH 10400
3 hrs
3 cr.

## MATH 11000 - Topics in the Mathematical Sciences

GER
1/B

Not open to students who have completed MATH 10500, 16000 or 26000 . Intended for liberal arts or social science students. Applications of topics selected from algebra, analysis, computer science, geometry, probability and statistics. prereq: college-level mathematics or statistics course.
3 hrs
3 cr .

## MATH 11100 - Matrices, Vectors and Linear Programming

## GER

1/B

Not open to students who have completed MATH 16000 or 26000. Recommended for accounting students; not recommended for students majoring in mathematics or statistics. Introduction to matrices and vectors, systems of linear equations and linear programming with applications.
prereq: MATH 10100 or appropriate score on placement exam
3 hrs
3 cr .

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## STAT 11000 - Selected Topics in Elementary Probability and Statistics as Applied to Popular Science and Current Events

## GER

1/B

Topics to be studied in any given term will be announced prior to registration. This course does not serve as a prerequisite for any other mathematics or statistics course. This course is a topics course that serves as an introduction to selected topics in probability and statistics with applications to the real world.
prereq: CUNY Math Proficiency
3 hrs
3 cr

## STAT 11300 - Elementary Probability and Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## STAT 21200 - Discrete Probability

Hunter Core<br>Math/Quantitative Reasoning

GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## Stage 1C US History: 3 credits

This requirement introduces portions of the history of the United States covering periods of time sufficiently long to reveal the historical dynamic and bring understanding of the historical contexts that have created our social and political institutions. It emphasizes the importance of the historical perspective and method, an understanding of how, where and why change has occurred over time and an awareness that the world we live in has been influenced by the past.

## HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core<br>US Experience in its Diversity (USED)<br>GER<br>$1 / \mathrm{C}$ or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 15200 - The United States from the Civil War Era to the Present (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
$1 / \mathrm{C}$ or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## POLSC 11000 - American Government: A Historical Introduction (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## List of Approved Courses for GER Core Stage 2: Broad Exposure

## Stage 2A Survey of Literature Written in English: 3 credits

## ENGL 22000 - Introduction to Writing about Literature (W)

## Hunter Core

English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
AFPRL 23500 - African Literature (W)

Pluralism and Diversity
PD/A
GER
2/A

Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr.

## AFPRL 23600 - African American Literature (W)

Pluralism and Diversity
PD/B
GER
2/A

Introduction to African American writing, from earliest expressions to present.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 23700 - African Caribbean Literature (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)

## Hunter Core

English Composition (EC)
Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
prereq: ENGL 12000
3 hrs
3 cr

## Stage 2B Social Science: People and Their Societies: 6 credits

## Africana and Puerto Rican/Latino Studies

## AFPRL 10000 - Introduction to Black Politics

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
General survey of politics of African world with major emphasis on politics in Black America.
3 hrs
cr
```


## AFPRL 10100 - Introduction to Africana Studies

Pluralism and Diversity
PD/A or B
GER
2/B

Introduction to the history and culture of Africa and the African diaspora.
3 hrs
3 cr .

## AFPRL 10200 - Latino Communities in the United States

Pluralism and Diversity
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr .

## AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
```

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr .

## AFPRL 20100 - African History from Human Origins to 1600 CE

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr .

## AFPRL 20200 - African History Since 1600 CE

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
Main currents of African history from 1600 CE to present
3 hrs
cr.
```


## AFPRL 20300 - African American History I

## Pluralism and Diversity

PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr .

## AFPRL 20400 - African American History II

Pluralism and Diversity
PD/B
GER
2/B
Survey of historical experiences of African people in U.S. from Reconstruction to the present.

3 hrs
$3 c r$.

## AFPRL 20500 - African American Politics of Social Change

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
```

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr .

## AFPRL 20900 - Introduction to Caribbean History to 1900

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

## Hunter Core

World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 24100 - Puerto Rican History to 1897

Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th
century.
3 hrs
3 cr .

## AFPRL 24200 - Puerto Rican History Since 1898

```
Pluralism and Diversity
PD/A
GER
2/B
Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr .
```


## AFPRL 24400 - Puerto Ricans in the United States

Pluralism and Diversity
PD/B
GER
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr .

## Anthropology

## ANTHC 10100 - Introduction to Cultural Anthropology

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B
Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

## ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.
offered every sem.

## ANTHC 15100 - Introduction to Linguistics

Hunter Core<br>World Cultures and Global Issues (WCGI)<br>GER<br>2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
$3 c r$.

## Asian American Studies

## ASIAN 23002 - Asian American Communities and Mental Health


#### Abstract

Hunter Core Individual and Society (Social Sciences) -I\&S SS Pluralism and Diversity PD/B Introduction to pyychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery. 3 hrs 3 credits


## Economics

## ECO 10000 - Introduction to Economics

## Hunter Core <br> Individual and Society (Social Sciences) -I\&S SS <br> GER <br> 2/B

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

## ECO 20000-Principles of Microeconomics

## Hunter Core

Scientific World (SW)

GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B
May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## Geography

## GEOG 15000 - World Regional Geography

## Pluralism and Diversity <br> PD/A or D <br> GER <br> 2/B

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr .
Offered fall and spring

## History

## HIST 11100 - World History to 1500

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 11200 - World History from 1500 to the Present

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era Courses at the 300 -level and above not offered to freshmen.
3 hrs
$3 c r$.
HIST 12200-19th and 20th Century Europe (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B
```

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

```
Hunter Core
US Experience in its Diversity (USED)
GER
```

1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 15200 - The United States from the Civil War Era to the Present (W)

```
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.
```


## HIST 20100 - Ancient Civilization

GER
2/B

Development of civilization in the Near East. Its expansion under Greece and Rome to 500 CE in the Mediterranean basin.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 20800 - History of the Jews

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits
HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 27700 - East Asia to 1600

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 27800 - East Asia, 1600 to the Present

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 28800 - History of Africa to the 19th Century

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 28900 - Africa in the 19th and 20th Centuries

## Pluralism and Diversity

PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## Human Geography

## GEOG 10100-People and Their Environment

Hunter Core<br>Individual and Society - Social Science<br>GER<br>2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

```
3 hrs
cr.
offered fall and spring.
```


## GEOG 22100 - Economic Geography and Globalization

GER
2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr .
Offered fall and spring

## GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr.
Macaulay Honors College

## MHC 15000 - MHC Seminar 2: Peopling of New York (W)

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>Fulfills GER 2B, Social Science: People and Their Societies.<br>prereq: Open only to Macaulay Honors College students.<br>3 hours<br>3 credits

## MHC 25000 - MHC Seminar 4: Shaping the Future of New York City (W)

Pluralism and Diversity
Macaulay Honors College
Fulfills GER 2B, Social Science: People and their Societies
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits
Mathematics and Statistics

## Political Science

## POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B
```

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 11000 - American Government: A Historical Introduction (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 11200 - Introduction to Political Theory (W)

GER
2/B

Selected writings of the great political thinkers. Recurrent problems of politics from Plato to the present.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>GER<br>2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 25000 - Comparing Countries (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
GER
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

## Psychology

## PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

## PSYCH 14000 - Psychological Adjustment

GER
2/B
Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment.
prereq: PSYC 10000
3 hrs
3 cr .

## PSYCH 15000 - Human Development

GER
2/B
Development from conception to death; biological, physiological and social factors and their interactions at each stage. prereq: PSYC 10000
3 hrs
3 cr .
PSYCH 16000 - Evolution and Behavior

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

## PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B
Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .

## PSYCH 18000 - Brain and Behavior

GER
2/B
Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr .

## PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
3 cr .

## PSYCH 19500 - Special Topics in Psychology I

## GER

2/B

Readings and discussions on a selected problem or topic area. Topics vary from semester to semester.
prereq: PSYC 10000

3 hrs
3 cr.

## Sociology

## SOC 10100 - Introduction to Sociology

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .
Urban Affairs and Planning

URBS 10100 - Urban Life: Personal and Observational View (W)

## Hunter Core

Individual \& Society - Social Science I\&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr .
URBS 10200 - Structure of Urban Region (W)

## Hunter Core

Individual and Society Social Science (I\&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr .
URBS 20100 - Urban Plans and Policies

GER
2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making. prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr.

## Women and Gender Studies

## WGS 10000 - Introduction to Gender and Sexuality Studies

Hunter Core<br>Individual and Society (I\&S)<br>Pluralism and Diversity<br>PD/C<br>GER<br>2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr .

## WGSS 17000 - Psychology of Human Sexuality

## Pluralism and Diversity

PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
prereq: PSYCH 10000
3 hrs
3 cr .

## WGSS 19000 - Development of Gender Roles

```
Pluralism and Diversity
PD/C
GER
2/B
```

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed PSYCH 19000
3 hrs
3 cr .

## School of Public Health

## COMHE 15200 - Bodies Using Bodies

## GER

2/B

This course addresses the medical, technical, organizational, and ethical issues that arise when human beings make use of the bodies, organs, tissues, or cells of other people to enhance their own well-being. The course takes a crossdisciplinary approach to contemporary issues in the health sector that involve the use of human bodies for the benefit of others. It is aimed at pre-majors or students interested in issues in the area of society and health.

3 hrs
3 cr .
Stage 2C Humanities: Cultures and Ideas: Literature, Philosophy, Classics: 3 credits

## Africana and Puerto Rican/Latino Studies

## AFPRL 14100 - Puerto Rican Folklore

## Pluralism and Diversity

PD/A or B
GER
2/C

Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.
3 hrs
3 cr .

## AFPRL 18100 - Language and Ethnic Identity

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS

## AFPRL 18200-Culture and Ethnic Identity

## Hunter Core <br> World Culture and Global Issues (WCGI)

## AFPRL 22000 - African Spirituality in the Diaspora

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in
dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3 cr .

## AFPRL 22200 - African Civilization

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Introduction to study of African civilization.
3 hrs
3cr.
```


## AFPRL 24300 - Puerto Rican Culture

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C
```

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr .

## Arabic

## ARB 25000 - The Arab Novel (in translation) (W)

```
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
```

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

## ARB 25200 - Literatures from the Islamic World (W)

## Hunter Core

World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25300 - Literatures and Cultures of Muslim Spain (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25400-The Arabian Nights East and West (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

## Chinese

## CHIN 11100 - Chinese Culture I

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

3 hrs
3 cr .

## CHIN 11200 - Chinese Culture II

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
3 cr .

## CHIN 25100 - Topics in Chinese Literature in English Translation (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3cr.
Classics
```

CLA 10100 - Classical Mythology
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr .

## CLA 11000 - The Greek and Latin Roots of English

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr .

## CLA 20100-Greek Civilization (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
```

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics. prereq: ENGL 12000
3 hrs
3 cr.

## CLA 20300 - Roman Civilization (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
```

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr.

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C
```

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 25000-Greek and Roman Tragedy (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. prereq: ENGL 12000 recom: CLA 10100

3 hrs
3 cr .

## CLA 25100 - Ancient Comedy (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr.

## CLA 25300 - Homer and Vergil (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

## English

## ENGL 25000 - Topics in Literature

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{A}$ or B or C or D<br>GER<br>2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 25100 - Topics in Literature

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## Film and Media Studies

## MEDIA 18000 - Introduction to Media Studies

## Hunter Core

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .
French

FREN 24100 - Early French Civilization: From Gothic to Revolution

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr .

FREN 24200 - Modern French Civilization: From Revolution to Present

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
```

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .

## German

## GERMN 24000 - German Thought and Culture: A Survey (W)

Pluralism and Diversity
PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective. (Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core<br>Creative Expression<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairystory traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No "W" designation when offered in Winter Session

## Hebrew

## HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

## 3 hrs

3 cr.

## HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

## GER

2/C
Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

## HEBR 22100 - Modern Israeli Culture

## Hunter Core

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

## HEBR 22200 - Introduction to Jewish Texts and Writings

Hunter Core
World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

## HEBR 24000 - Introduction to the Old Testament

## Hunter Core

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

## HEBR 25900 - Old Testament Religion

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
```

GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

## HEBR 28800 - Ancient Hebraic Folklore

Pluralism and Diversity
PD/A
GER
2/C
Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apoyphal literature and rabbinic Aggada.
3 hrs
3 cr

## HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr
HEBR 29200 - The Hebrew Prophets

```
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C
Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3cr
```

HEBR 29500 - Ancient Hebrew Law
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr
Italian

## ITAL 26000 - Modern Italian Short Story (W)

Pluralism and Diversity<br>PD/D<br>GER<br>2/C

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ENGL 120 or equiv.
3 hrs
3 cr.

## ITAL 28000 - The Italian Renaissance: An Introduction

## Hunter Core <br> Individual and Society <br> Pluralism and Diversity <br> PD/D <br> GER <br> 2/C

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr.

ITAL 33400 - Italian Civilization in the Baroque, in English

```
Pluralism and Diversity
PD/D
GER
2/C
```

An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17 th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation

3 hrs
3 cr .

## ITAL 33500 - Italian Culture I

## GER

2C

In English. Main intellectual-artistic currents from the 12th to 15th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .
ITAL 33600 - Italian Culture II

## GER

2/C

In English. Main intellectual-artistic currents from the 16th to 20th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 120
3 hrs
$3 c r$.
ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English

## Pluralism and Diversity

PD/C
GER
2/C
Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
$3 c r$.
ITAL 33800-19th and 20th Century Italian Women Writers, in English

```
Pluralism and Diversity
PD/C
GER
3/A
```

Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Marghenta Guidacci, Maria Luisa Spaziani.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

## Japanese

## JPN 25100 - Japanese Culture Before 1600

Pluralism and Diversity<br>PD/A<br>GER<br>2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr
JPN 25200 - Japanese Culture Since 1600

## Pluralism and Diversity

PD/A
GER
2/C
This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

## JPN 26100 - Special Topics in Japanese Culture

## Pluralism and Diversity <br> PD/A <br> GER <br> 2/C

Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the
economic, political, and social conditions that shaped them.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## Philosophy

## PHILO 10100 - Introduction to Philosophy

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>GER<br>2/C

Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester

## PHILO 10300 - Introduction to Logic and Critical Thinking

## GER

2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr .
offered each semester

## PHILO 10400 - Introduction to Ethics

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
```

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

## PHILO 10600 - Philosophy, Politics and Society

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
```

Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

## PHILO 20400 - Great Philosophers

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

## Religion

## REL 11000 - Nature of Religion (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr .

## REL 11100 - Approaches to Religion (W)

## Hunter Core

Individual and Society (I\&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr .

## REL 20400 - Religious Experience (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western. prereq: ENGL 12000
3 hrs
3 cr .

## REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .
REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr .

REL 20700 - Religious Sources for Morality (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C
Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr .

REL 20900 - Religion and Human Rights (W)

## Hunter Core

Individual and Society - Humanities
GER
2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the $20^{\text {th }}$ century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment-seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 21100 - The Sacred Sky: Astrology in World Religions (W)

## GER

2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25100-Asian Religions (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism. prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 25200 - Ancient Near Eastern Religions (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old
Testament).
prereq: ENGL 12000
3 hrs
3 cr.
REL 25300 - Abrahamic Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3cr.
```

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .

REL 25500 - Religions of Two Gods (W)

Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr .
REL 25600 - Afro-Caribbean Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C
```

An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25700 - Religions of Ancient Central and South America (W)

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C
```

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25800 - Religions of Ancient Europe (W)

Hunter Core<br>World Cultures and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
3 hrs
3 cr .

REL 27000 - Religion and Psychology (W)

Pluralism and Diversity
PD/D
GER

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr.

## Russian

## RUSS 15500 - The Culture of Old Russia

Pluralism and Diversity
PD/D
GER
2/C
Religion, art, architecture and daily life in medieval Russia.
prereq: ENGL 12000
3 hrs
3 cr.

## RUSS 15600 - Culture of Imperial Russia: the Age of Empresses

Hunter Core<br>Individual and Society (I\&S)<br>Pluralism and Diversity<br>PD/C<br>GER<br>2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15700 - The Age of the Great Masters

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15800 - Contemporary Russian Culture

Hunter Core<br>Individual \& Society (I\&S) Humanities<br>GER<br>2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25000-19th Century Russian Literature in English Translation (W)

```
Hunter Core
Individual and Society (I\&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C
```

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25200 - Modern Russian Literature in English Translation (W)

```
Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
3cr.
```

RUSS 25300 - Russian Theater in English Translation (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr.

## RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25500 - Russian Folklore, in Translation (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3cr.
```

RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)

Hunter Core
Individual and Society (Social Science) -I\&S SS
GER
2/C
Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr .
RUSS 29500 - The Vampire in Lore and Literature (W)
Hunter Core
Creative Expression (CE)

GER
2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the $21^{\text {st }}$
century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western
European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity.
Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr .

## Spanish

## SPAN 24100 - Civilization of Spain, in English

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/D
An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.
prereq: ENGL 12000
3 hrs
3 cr .

## Theatre

## THEA 21100 - World Theatre I (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

THEA 21200 - World Theatre II (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

THEA 21300 - World Theatre III (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
Women and Gender Studies

## WGSC 15600 - Culture of Imperial Russia: The Age of Empresses

Pluralism and Diversity
PD/C
GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed RUSS 15600
prereq: ENGL 12000
3 hrs
3 cr .

## WGS 200XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{A}$ or B or C or D (see department)
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism \& diversity requirement, for further detail see department. 3 hrs
3 cr .
Depending on topic may satisfy a GER requirement.

## Stage 2D Visual and Performance Arts: Media, Art, Dance, Film, Music, Theatre: 3 credits

## Arabic

## ARB 25100-Arab Cinema (in translation)

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

Art

## ARTH 11100 - Introduction to History of Art

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

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3 hrs
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3 cr . cr

## Dance

## DAN 10200 - Dance, Dancers and the Audience


#### Abstract

Hunter Core Creative Expression (CE) Pluralism and Diversity GER 2/D Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation. prereq: minimum 12 cr . 3 hrs 3 cr .


## DAN 23200-20th-Century Dance History

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
3 cr

## Film and Media Studies

## FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr.
Humanities Interdisciplinary
Macaulay Honors College

MHC 10000 - MHC Seminar 1, The Arts in New York City (W)

Hunter Core
Creative Expression (CE)
Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre
prereq: Open to Macaulay Honors College students only
3 hours
3 credits

Music

MUSHL 10100 - A Thousand Years of Listening

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .

## MUSHL 10700 - The World of Music

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
3 hrs
3 cr .

MUSTH 10100 - Music Theory Fundamentals

```
Hunter Core
Creative Expression (CE)
GER
2/D
```

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .
Theatre

THEA 10100 - Introduction to Theatre

## Hunter Core

Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant. 3 hrs
3 cr .
Stage 2E Natural Science: 7 credits

The goal of this requirement is to introduce students to the concepts and ways of thinking of the natural sciences. The sciences have intrinsic intellectual value, pursuing basic questions about the workings of the universe and the world around us. Students should be conversant with the rapid pace of scientific advances and able to make informed decisions about scientific matters in the public domain.

Note: Two courses are required, one of which must include a laboratory component.

## Laboratory Courses:

## Anthropology

## ANTHP 10100 (STEM) - Human Evolution

Hunter Core<br>Life and Physical Sciences (LPS) Scientific World (SW)<br>GER<br>2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## Biological Science

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

## BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D

## GER

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 12500 (STEM) - Human Biology

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

## BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

## BIOL 16000 - Honors Principles of Biology II

## Pluralism and Diversity <br> PD/C or D <br> GER <br> 2/E

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.
Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.
prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
not offered 2014-15

## Chemistry

(Core credit only if both lecture and the corresponding lab are completed)

## CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>GER 2/E

Essential facts, laws, and theories of general chemistry.

Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 10100 - Inquiries into the Nature of Matter

## Hunter Core

Life and Physical Sciences (LPS)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10300 (STEM) - General Chemistry Laboratory I

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.

Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec )
1.5 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)

## GER

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair

5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10500 (STEM) - General Chemistry Laboratory II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 11100 (STEM) - Chemical Principles


#### Abstract

Hunter Core Life and Physical Sciences (LPS); Scientific World (SW) Pluralism and Diversity GER 2/E In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors. Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.


prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

## CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
```

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

## CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

## Hunter Core

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

Geography

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

## Geology

## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs .
$3 c r$.

## GEOL 10200 - Plate Tectonics and the Earth's Evolution

## GER

2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

## GEOL 23100 - Principles of Geomorphology

GER
2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr.

Physics and Astronomy

## ASTRO 10000 - Basic Concepts in Astronomy

## Hunter Core

Scientific World (SW)
GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe. 3 hrs .
3 cr .

## ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

## GER

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.

5 hrs
$4 c r$.

## ASTRO 10200 - Laboratory Explorations in Astronomy

Hunter Core<br>Life and Physical Sciences (LPS)<br>GER<br>2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.
prereq or coreq: ASTRO 10000
3 hrs
3 cr.

## ASTRO 10700 - Laboratory Exercises in Astronomy

## GER

2/E

Classroom and online experimental laboratory exercises in astronomy to observe the major features of the night sky, demonstrate the physical basis of astronomical instruments, and experiment with astronomical phenomena. Only offered to students who have previously taken ASTRO 100 which is no longer offered [ASTRO $100+$ ASTRO 107 are replaced by ASTRO 10100].
prereq or coreq: ASTRO 10000
2 hrs
1 cr .
(together with ASTRO 10000 or equivalent)

## PHYS 10000 - Basic Concepts of Physics

## Hunter Core

Scientific World (SW)

## GER

2/E
This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a corequisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.
3 hrs
3 cr .

## PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises

```
Hunter Core
Life and Physical Sciences (LPS)
GER
2/E
```

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.
prereq or coreq: PHYS 10000
3 hrs
3 cr .

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

# PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics 

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## Non-Laboratory Courses:

Computer Science

## CSCI 12000 - Introduction to Computers

## Hunter Core

Scientific World (SW)
GER
2/E

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues.
This course cannot be counted towards the CSCI major
prereq: none
3 hrs
3 cr .

## CSCI 12700 - Introduction to Computer Science

```
Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)
```

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## CSCI 13300 - Programming for Everyone

```
Hunter Core
Scientific World (SW)
GER
2/E
```

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr .

Geography

## GEOL 18000 - Introduction to Oceanography

## Hunter Core

Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring
Physics \& Astronomy

## ASTRO 10000 - Basic Concepts in Astronomy

## Hunter Core <br> Scientific World (SW) <br> GER <br> 2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe. 3 hrs.
3 cr .
Geology
GEOL 10500 - Introduction to Environmental Geoscience

```
Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)
```

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
3 cr .

## School of Public Health

## COMHE 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.

3 hrs
3 cr .

## List of Approved Courses for GER Core Stage 3: Focused Exposure

## Stage 3A Humanities or Visual and Performing Arts: 3 credits

## Africana and Puerto Rican/Latino Studies

## AFPRL 32000-African-Caribbean Culture (W)

Pluralism and Diversity
PD/A or B
GER
3/A
Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr .
AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)

Pluralism and Diversity
PD/A
GER

Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

## AFPRL 32300 - Islam and Christianity in Africa (W)

GER
3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

## AFPRL 33000 - Autobiography as a Theme in Black Literature (W)

## GER

3/A

Treatment of autobiographical works of Black authors in U.S., Caribbean and Africa during 19th and 20th centuries. prereq: AFPRL 23600 or perm instr
3 hrs
3 cr .

## AFPRL 33600 - African-American Women Writers (W)

## Pluralism and Diversity

PD/C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.
cross-listed WGS 33600 (W)
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

## AFPRL 33700 - Caribbean Women Writers (W)

## GER

3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

## AFPRL 35500 - The African Image in 19th and 20th century Spanish Antillean Poetry (W)

Pluralism and Diversity
PD/A
GER
3/A
The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.
prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish
3 hrs
3 cr .

## AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B
GER
3/A
Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr .

## AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)

Pluralism and Diversity
PD/A or B
GER
3/A

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3 cr .

AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

## GER

3/A or B

Topics change according to instructor.
Open to Jr/Sr only.
3 hrs
3 cr .

## AFPRL 44500-Caribbean Short Story in Spanish: Readings and Theories

## GER

3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.
prereq or coreq: SPAN 20800
3 hrs
3 cr .

Art

- ARTH All 200- and 300-level ARTH courses (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Classical and Oriental Studies

## Chinese

## CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr .

## CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr .
Classics
CLA 20200-Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000, CLA 20100 or 20400
3 hrs
3 cr.

## CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A
Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .
CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr.
fall only

## CLA 22500 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A

GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

## CLA 22700 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 25400 - The Ancient Novel in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A
Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
prereq: ENGL 22000 or perm instr.
3 hrs
3 cr .

## CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr .
CLA 30300-Religion of Ancient Greece (W)
Pluralism and Diversity
GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice. prereq: ENGL 12000, CLA 10100 or 20100

3 hrs
3 cr .

## CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.
cross-listed WGSC $30500(\mathrm{~W})$
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 30800 - Magic and Science in the Ancient World (W)

## GER

3/A

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 31000 - Ancient Sports and Spectacles (W)

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Pluralism and Diversity
PD/D
GER
3/A
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An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
$3 c r$.
Hebrew

## HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A
Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism. 3 hrs
3 cr
HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A
A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material. prereq: ENGL 12000
3 hrs
3 cr .

## HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity<br>PD/D<br>GER<br>3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present. prereq: ENGL 22000
3 hrs
3 cr

## HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A
Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr
HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

## GER

3/A
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

## HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A
Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary
techniques, cultural background and ideological implications.
3 hrs
3 cr .

## HEBR 28600 - Ancient Near Eastern Literature and the Bible

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Pluralism and Diversity
PD/A
GER
3/A
Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr
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HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr
HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr
HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr

HEBR 31100-Modern Hebrew Literature II

GER
3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.
HEBR 31500-Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A
GER
3/A

Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A
Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr
HEBR 31800 - Biblical Literature: Hagiographa

Pluralism and Diversity
PD/A
GER
3/A

Selections from Job, Proverbs, Psalms and the five Magillot.

```
prereq: HEBR 20200 or equiv.
3 hrs
3cr
HEBR 32000 - The Modern Hebrew Short Story
GER
3/A
Extensive reading of short stories from late 19th century to present, illustrating different literary trends.
prereq: HEBR 20200 or equiv.
3 hrs
3cr.
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HEBR 32100 - Talmudic Literature

Pluralism and Diversity
PD/A
GER
3/A

Selections from Talmud and Midrash.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32200-Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
$3 c r$

HEBR 32400 - The Modern Hebrew Essay

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Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3cr
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HEBR 32500 - History of Modern Hebrew Literature
GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32600 - Hebrew Poetry Between the Two World Wars
GER
3/A

Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman. prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32800 - Contemporary Hebrew Prose

GER
3/A

Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A. Applefeld and A. B. Yehoshua. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 33100-Medieval Hebrew Philosophic Texts

## GER

3/A

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

Russian

## RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 26000 - Russian Women Writers in English Translation (W)

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Hunter Core
I&S
Pluralism and Diversity
PD/C
GER
3/A
The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
3 cr .
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RUSS 29400 - Folklore and Literature (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 29600 - Vladimir Nabokov Between Two Cultures

## Hunter Core

Creative Expression (CE)
GER
3/A
Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

## RUSS 29700 - The Russian Urban Novel in English Translation (W)

## Hunter Core

I\&S
GER
3/A
The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

## RUSS 30200 - Advanced Russian II

## GER

3/A
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .
RUSS 32100-Russian Short Story and Novella

## Pluralism and Diversity

PD/D
GER
3/A

Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 32200-Classical Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A

Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 32300 - Modern Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A
Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 32400 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism

GER
3/A

Major literary works of the Kievan period, 968 to 1237: The Primary Chronicle, The Tale of Igor's Campaign. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34000-19th Century Russian Literature

GER
3/A

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

## RUSS 34100 - Tolstoy and Dostoevsky

Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34200 - Modern Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34300 - Russian Theater

Pluralism and Diversity
PD/D
GER
3/A
Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34400 - The Silver Age of Russian Literature

Pluralism and Diversity
PD/D
GER
3/A
Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

## RUSS 36000 - Russian Women Writers

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

Studies the contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. Readings and some writing in Russian.
cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## Dance

- All 200-level courses, except DAN 232 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## English

- All courses numbered ENGL 252 and above, except ENGL 303, 331, 332 and 338 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Film and Media Studies

- All 200- and 300-level FILM-prefix courses, except production courses - FILMP (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)
- All 200- and 300-level MEDIA-prefix courses, except production courses-MEDP (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## German

- All 300-level courses in German (GERMN) plus 444 and 479 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Music

- All 200-level MUSHL courses, except MUSHL 201, 205, 206 and 262 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

Philosophy

- All 200-level courses, except PHILO 203, 204 and those listed under Stage 3/B. All 300-level courses, except PHILO 375, 376 and 379 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Religion

- All REL 300-level courses (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## REL 31400 - Religion and Sports (W)

## GER <br> 3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in $19^{\text {th }}$ century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32600 - Religious Meanings of the Qur'ān (W)

## GER

3/A

This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" ('Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
3 cr .

## Romance Languages

- FREN 25200 through 25600 , 26200, 34100 through 37500 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)
- ITAL 27600, 33800, 33900, 34100 through 37500 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)
- SPAN 26500W, 26900W, 33500, 33600, 34100 through 37500 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Theatre

- All THEA courses numbered 21400 and above, except 25100, 26300, 28100 and 35100 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Women and Gender Studies

## WGS 20100 - Classics in Feminist Thought (W)

## Pluralism and Diversity

PD/C
GER
3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr.

## WGS 21600 - Women Philosophers of the Past

Pluralism and Diversity
PD/C
GER
3/A

Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.
cross-listed PHILO 21600
prereq: ENGL 12000, one course in philosophy
3
3

## WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s

## Pluralism and Diversity

PD/C
GER
3/A

Discussion of the women's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
Depending on topic, will satisfy a GER category.cross-listed FILM 22252
prereq: FILM 10100

4 hrs
3 cr.

## WGST 23000 - Feminism: Philosophical Theory and Practice (W)

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Pluralism and Diversity
PD/C
GER
3/A
Analysis of feminist theories and their practical implications.
cross-listed PHILO 23000
prereq: ENGL 12000 and one course in philosophy
3 hrs
\(3 c r\).
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WGSA 25000 - Women and Music (W)

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Pluralism and Diversity
PD/C
GER
3/A
An ethnomusicological study of women and music in cross-cultural perspective. cross-listed MUSHL 25000
prereq: ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm instr.
3 hrs
3 cr.
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## WGS 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.
May be repeated once for credit with a different topic.cross-listed ENGL 25800
prereq: ENGL 22000
3 hrs
3 cr .

## WGSA 26000 - Russian Women Writers in English Translation (W)

## Pluralism and Diversity

PD/C
GER
3/A
The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M.

Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others.
cross-listed RUSS 26000
prereq: ENGL 22000
3 hrs
3 cr .

## WGSA 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A
Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr .

## WGS 300XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
3 cr .
Check class schedule for offerings. Depending on topic may fulfill a GER requirement.

## WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
3/A
Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
3 cr .
WGSA 31900 - Advanced Topics in Literature by Women (W)
Pluralism and Diversity
PD/C
GER
3/A

Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration. May be repeated once for credit with a different topic.
cross-listed ENGL 31900
prereq: ENGL 22000
3 hrs
3 cr.

## WGS 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/B or C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.
cross-listed AFPRL 33600
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr .

## WGSA 33700 - Caribbean Women Writers (W)

GER
3/A
A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

## WGSA 36100 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A
The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others. Readings and some writing in Russian.
cross-listed RUSS 36000
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
WGSA 38400 - Women and Media (W)

Pluralism and Diversity
PD/C
GER
3/A
Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed MEDIA 38400
prereq: MEDIA 18000
3 hrs
3 cr .
Stage 3B Social Science or Natural Science/Mathematics: 3 credits

## Africana and Puerto Rican/Latino Studies

## AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)

Pluralism and Diversity
PD/B
GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20 th century. prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr .

## AFPRL 30600 - Modern African International Relations (W)

Pluralism and Diversity
PD/A
GER
3/B

Factors affecting relations among African states and between African and non-African states within international system.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr .

## AFPRL 30700 - Contemporary African Politics (W)

## GER

3/B

Study of post-independence nationalism, political systems, regional and inter-nation cooperation of African nations. prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr .

```
AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)
GER
3/B
Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr .
```


## AFPRL 30900-African-Americans and Africa (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Major evidence of Black American involvement and interest in Africa from 1775 to present.
prereq: AFPRL 20300 or 20400
3 hrs
3 cr .

## AFPRL 31000 - Modern Nigeria (W)

## GER

3/B

Detailed study of the historical development of modern Nigeria from the late 19th century to the present.
prereq: perm instr.
3 hrs
3 cr .

## AFPRL 31300 - Slavery (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Historical overview of slavery from Africa to the Americas.
prereq: AFPRL 20300 or 20900 or perm instr.
3 hrs
3 cr .

## AFPRL 31400 - Blacks in Labor and Politics (W)

GER
3/B

Black labor from emancipation to present. Emphasis on period between New Deal and present.
prereq: AFPRL 20400 or 20500 or perm instr.
3 hrs
3 cr .

## AFPRL 31800 - Women in Africa (W)

```
Pluralism and Diversity
PD/C
GER
3/B
Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
cross-listed WGSC 31800 (A Writing-intensive Course)
prereq: AFPRL 20200 or 22200 or perm instr.
3 hrs
3 cr .
```


## AFPRL 31900 - Women in the African Diaspora (W)

## Pluralism and Diversity <br> $\mathrm{PD} / \mathrm{B}$ or C <br> GER <br> 3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 34200 - Political Nationalism in Puerto Rico (W)

Pluralism and Diversity
PD/A
GER
3/B
Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.
prereq: AFPRL 24200 or perm instr.
3 hrs
3 cr .

## AFPRL 35100-Major Puerto Rican Figures (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
3/B
Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr .

## AFPRL 35200 - Power Structure in Puerto Rico (W)

## GER

3/B
Social analysis of class divisions, role of the economy and the United States presence in Puerto Rico.
prereq: AFPRL 24300 or 27000
3 hrs
$3 c r$.

## AFPRL 36000 - Politics in Puerto Rico (W)

GER
3/B
Analysis of the political status issue, development of political parties, national leadership and participation.
prereq: AFPRL 24200 or 34200 or perm instr.
3 hrs
3 cr .

## AFPRL 37000 - Sociolinguistic Fieldwork in Black and Puerto Rican/Latino Speech Communities (W)

GER
3/B
Sociolinguistic theory applied to linguistic varieties spoken in African American, African- Caribbean, Puerto Rican and other Latino communities.
prereq: AFPRL 18100 or ANTHC 15100
3 hrs
3 cr .

## AFPRL 38400 - Poverty in Society (W)

GER
3/B
Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr .
AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)
Pluralism and Diversity
PD/B

GER
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr .

## AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

## GER

3/A or B

Topics change according to instructor.
Open to Jr/Sr only.
3 hrs
3 cr .

## AFPRL 40100 - Pan-Africanism

## GER

3/B

Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.
prereq: AFPRL 20200 or 20400 or 20600
3 hrs
$3 c r$.

## AFPRL 40200 - African American Political Thought

GER
3/B

Comparative theorists; methods and ideological currents.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr .
AFPRL 40300 - Development Strategies in the African-Caribbean

## GER

3/B

Analysis of developmental strategies used by Caribbean nations after independence.
prereq: AFPRL 20700 or 20800 or 20900 or 21000 or perm instr.
3 hrs
3 cr .
AFPRL 42000 - The Black Church and Social Change

GER
3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .

## AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science

```
Pluralism and Diversity
PD/B
GER
3/A or B
Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
3cr.
```


## AFPRL 42863 - Afro-Latino Culture and History

```
Pluralism and Diversity
PD/A
GER
3/A
3 hrs
3cr.
```


## AFPRL 44200 - History of Puerto Rican Labor Movements

## GER

3/B

Historical development of Puerto Rican working class, its movements and organizations from 19th century to present. prereq: AFPRL 24200 or 27000
3 hrs
3 cr .

## Anthropology

- All ANTHC courses at the 200 and 300 level and all ANTHP courses at the 300 level (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Biological Science

- All BIOL 200-level courses and above (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Chemistry

- All CHEM 200-level courses and above, except CHEM 295


## Computer Science

- CSCI 23200 and All CSCI courses numbered 235 and above


## Economics

- All 200- and 300-level courses in Economics except ECO 20000 and 20100 and all Accounting and Business Law courses (ECO 27100, 27200, 28000, 37100-37400) (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Geography

- All GEOG-, GEOL-, PGEO-prefix courses numbered 20000 to 38399 inclusive, except those courses listed for Stage 2B and 2E (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## History

- All HIST 300-level courses and above (please refer to Pluralism and Diversity and Writing fulfillment of additional criteria)


## Human Rights

## HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.
prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.
3 hrs

3 cr.
fall and spring; summer when possible

Interdisciplinary Sciences and Mathematics

## SCI 30200 - Ethical Conduct in the Natural and Physical Sciences

GER
3/B

Case studies of ethical issues in scientific research and education, including fraud, misrepresentation and negligence in scientific reporting. Term paper required.
prereq: 2 yrs lab science (BIOL 10000, 10200; CHEM 10200, 10300, 10400, 10500; PHYS 11000, 12000; or equiv.)
prereq or coreq: lab research experience in natural or physical sciences
2 hrs
2 cr .

Macaulay Honors College
MHC 20000 - MHC Seminar 3: Science and Technology (W)

## Hunter Core

Scientific World (SW)
GER
GER 3B
prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College campus
3 hours
3 credits

## Mathematics and Statistics

- All MATH courses numbered 20000 and above, except MATH 26100 (MATH 37600W also meets Writing)
- All STAT courses numbered 21400 and above


## Philosophy

## PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

## GER

3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 26800 - Philosophical Psychology (W)

GER
3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 27000 - Philosophy, Science and Culture (W)

## GER

3/B

Issues relating to the impact of modern science on philosophy, religion and culture.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 27500 - Symbolic Logic

## GER

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

## PHILO 27900 - Inductive Logic

GER
3/B

Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 34600 - Contemporary Theories of Justice (W)

## GER

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

## PHILO 37500 - Advanced Symbolic Logic

GER
3/B

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.
prereq: PHIL 27500 or equiv.
3 hrs
3 cr .

## PHILO 37600 - Philosophy of Mathematics (W)

## GER

3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.
prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
3 cr .

PHILO 37900 - Philosophy of Science (W)

## GER

3/B

Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.
Physics and Astronomy

- All 200-level courses


## Political Science

- All POLSC 200-level and 300-level courses


## POLSC 30200 - Critical Theory and Politics (W)

## GER

3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation. prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor. 4 hrs
4 cr.

## Pluralism and Diversity

PD/D
GER
3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.
prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).
4 hrs
$4 c r$.

## POLSC 32300 - Politics of Public Budgeting (W)

## GER

3/B

This course sets the processes and techniques of public budgeting within the context of American political institutions at the national, state and local levels.
prereq: ENGL 12000 or the equivalent; two political science courses at the 200-level or above or permission of the instructior
4 hrs
$4 c r$.

## POLSC 38300 - Power Transitions, the U.S. and World Order (W)

## GER

3/B
An examination of global power transitions and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.
prereq: ENGL 12000 (or equivalent), one course in international relations
4 hrs
$4 c r$.

## Psychology

- All PSYCH 200-level courses and above, except PSYCH 201, 306, 307, 395, 396 and 398 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Sociology

- All SOC 200-level courses and above (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)


## Urban Affairs and Planning

## Women and Gender Studies

## WGS 200XX - Special Topics in Women and Gender Studies


#### Abstract

Pluralism and Diversity PD/A or B or C or D (see department) Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism \& diversity requirement, for further detail see department. 3 hrs 3 cr .


## WGS 20100 - Classics in Feminist Thought (W)

## Pluralism and Diversity

PD/C
GER
3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr .

## WGST 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/B
The history of political thought from the perspective of gender relations and the treatment of women. cross-listed POLSC 20900
prereq: ENGL 12000 or equiv.
3 hrs
3 cr .
WGSS 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C

GER
3/B

Overview of how local, state and federal laws treat people on basis of sex.
cross-listed POLSC 21900
prereq: ENGL 12000
3 hrs
3 cr .

## WGSP 22300 - Sociology of the Family

Pluralism and Diversity
PD/C
GER
3/B
Family functions and interaction. Factors affecting stability and instability.
cross-listed SOC 20100
prereq: SOC 10100
3 hrs
3 cr .

## WGSP 23500 - The Psychology of Women (W)

Pluralism and Diversity
PD/C
GER
3/B
Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
cross-listed PSYCH 23500
prereq: 6 cr. in PSYCH courses
3 hrs
3 cr .

WGSP 23900 - Child Welfare (W)

GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed SOC 23900
prereq: ENGL 12000, SOC 10100
3 hrs
3 cr.

WGSS 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed SOC 25700
prereq: SOC 10100 or perm instr.
3 hrs
3 cr.

## WGSP 26100 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed POLSC 21800
prereq: ENGL 12000
3 hrs
3 cr .

## WGSP 26200 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
3 cr .

## WGS 300XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
3 cr .

## WGSC 30100 - Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed ANTHC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

## WGST 30900 - Feminist Political Theory

## Pluralism and Diversity

PD/C

## GER

3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.
cross-listed POLSC 30900
prereq: ENGL 12000
3 hrs
3 cr .

## WGSL 31500 - Work and Society (W)

GER
3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed SOC 31500
prereq: SOC 10100
3 hrs
$3 c r$.

## WGSC 31800 - Women in Africa (W)

## Pluralism and Diversity

GER 3/B PD/A or C
Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
cross-listed AFPRL 31800(W)
prereq: AFPRL 20200 or AFPRL 22200 or perm instr.
3 hrs
3 cr .

## WGSL 32100 - Women and Globalization

GER
3/B
The situation of women from less developed countries with attention to the local and global forces shaping their lives.

Topics include migration, the international division of labor, and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.
cross-listed ANTHC 32100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## WGSC 32900 - Women in the African Diaspora (W)

## Pluralism and Diversity <br> PD/B or C <br> GER <br> 3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.
cross-listed AFPRL 31900 (W)
prereq: AFPRL 20400, 20900 or 21000 or perm instr.
3 hrs
3 cr .

## WGSL 34500 - Women and Men in the Labor Market

## Pluralism and Diversity

PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, 'human capital' investments, labor market policy issues.
cross-listed ECO 34500
prereq: ECO 20000
3 hrs
3 cr .

## WGS 36000-Feminist Social Theory

Pluralism and Diversity
PD/C
GER
3/B
An introduction to feminist theory developed by women from Western, Third World and other countries.
cross-listed SOC 36000
prereq: SOC 10100 or perm instr.
3 hrs
3 cr .

## WGS 400XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
see department for GER or PD requirement as it will vary by topic course.

Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category.
3 hrs
3 cr.

## List of Approved Courses for the Pluralism and Diversity Requirement

## Pluralism and Diversity Requirement - Group A: 3 credits

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific or social) that emerge from, are reflected in or are principally derived from the historical conditions, perspectives and/or intellectual traditions of non-European societies, particularly those of Africa, Asia, Latin America or those indigenous to the Americas.

## Africana and Puerto Rican/Latino Studies

## AFPRL 10100 - Introduction to Africana Studies

Pluralism and Diversity
PD/A or B
GER
2/B

Introduction to the history and culture of Africa and the African diaspora.

3 hrs
3 cr .

## AFPRL 14100 - Puerto Rican Folklore

Pluralism and Diversity
PD/A or B
GER
2/C

Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.
3 hrs
3 cr .

## AFPRL 14300 - The Image of the Puerto Rican National Identity in Its Literature

[^3]```
3 hrs
3cr.
offered fall only
```


## AFPRL 20100 - African History from Human Origins to 1600 CE

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr .

## AFPRL 20200 - African History Since 1600 CE

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Main currents of African history from 1600 CE to present
3 hrs
3 cr.

## AFPRL 20600 - African Political and Social Change

```
Pluralism and Diversity
PD/A
Introductory study of political and social change in Africa during the second half of the 20th century.
3 hrs
3cr.
```


## AFPRL 20700 - African Caribbean Politics I

Pluralism and Diversity
PD/A
Examines political economy of slavery and colonialism and responses of Caribbean people from 1492 to political independence.
3 hrs
3 cr .

## AFPRL 20800 - African Caribbean Politics II

Pluralism and Diversity
PD/A
Begins with attainment of political independence by major Caribbean countries; focuses on nation building.
prereq: AFPRL 20700
3 hrs
3 cr .

## AFPRL 20900 - Introduction to Caribbean History to 1900

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

```
Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B
Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3cr.
```


## AFPRL 22000 - African Spirituality in the Diaspora

```
Pluralism and Diversity
PD/A or B
GER
2/C
The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean. 3 hrs
\(3 c r\).
```


## AFPRL 22200 - African Civilization

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
GER
2/C

Introduction to study of African civilization.
3 hrs
3 cr.

## AFPRL 23500 - African Literature (W)

Pluralism and Diversity
PD/A
GER
2/A

Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 23700 - African Caribbean Literature (W)

Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)


#### Abstract

Hunter Core English Composition (EC) Pluralism and Diversity PD/A or B GER 2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.


prereq: ENGL 12000
3 hrs
3 cr

AFPRL 24100 - Puerto Rican History to 1897

## Pluralism and Diversity

PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr .

## AFPRL 24200 - Puerto Rican History Since 1898

Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

## AFPRL 24300 - Puerto Rican Culture

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
2/C
General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr .

## AFPRL 24500 - Puerto Rican Literature I

## Pluralism and Diversity

PD/A
Analysis of the emergence and development of the various literary genres which surfaced during the 19th century in the literature of Puerto Rico. Discussion and analysis of major 19th century Puerto Rican authors (Hostos, Tapia and Zeno Gandia).
prereq: SPAN 20200 or equiv. or perm instr.
3 hrs
3 cr .

## AFPRL 24600 - Puerto Rican Literature II

## Pluralism and Diversity

PD/A
Discussion and analysis of the literary and cultural evolution of Puerto Rico viewed through the works of key 20th century authors. Literary production from the 1960s onwards is emphasized.
prereq: SPAN 20200 or equiv. or perm instr.

3 hrs
3 cr .

## AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr .

## AFPRL 30600 - Modern African International Relations (W)

Pluralism and Diversity
PD/A
GER
3/B

Factors affecting relations among African states and between African and non-African states within international system.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr .

## AFPRL 30900 - African-Americans and Africa (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
3/B

Major evidence of Black American involvement and interest in Africa from 1775 to present.
prereq: AFPRL 20300 or 20400
3 hrs
3 cr .

AFPRL 31300 - Slavery (W)
Pluralism and Diversity
PD/A or B
GER
3/B
Historical overview of slavery from Africa to the Americas.
prereq: AFPRL 20300 or 20900 or perm instr.
3 hrs
3 cr .
AFPRL 32000 - African-Caribbean Culture (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
3/A

Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr .

## AFPRL 32100-Caribbean Migration and New York City (W)

Pluralism and Diversity
PD/A or B
GER
3/B
An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr

## AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)

Pluralism and Diversity
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

## AFPRL 34200 - Political Nationalism in Puerto Rico (W)

Pluralism and Diversity
PD/A
GER
3/B

Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.
prereq: AFPRL 24200 or perm instr.
3 hrs
3 cr .

AFPRL 35100-Major Puerto Rican Figures (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr .

## AFPRL 35500 - The African Image in 19th and 20th century Spanish Antillean Poetry (W)

```
Pluralism and Diversity
PD/A
GER
3/A
The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.
prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish
3 hrs
3 cr .
```


## AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)

```
Pluralism and Diversity
PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures.
Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
cr.
```


## AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science

```
Pluralism and Diversity
PD/B
GER
3/A or B
Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
3cr.
```


## Anthropology

## ANTHC 10100 - Introduction to Cultural Anthropology

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/A
GER
2/B
```

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr .
offered every sem.

## ANTHC 20000 - Africa: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Pre-colonial, colonial and contemporary communities, subsistence and exchange systems and ecological adaptations. 3 hrs
3 cr .

## ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3 cr .

## ANTHC 20400 - East Asia: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Historical and regional variation in various East Asian societies, with a focus on political economy, family, kinship, community and national minorities.
3 hrs
3 cr .

## ANTHC 21100 - Native North America: Societies and Cultures

```
Pluralism and Diversity
PD/A or B
GER
3/B
Adaptive strategies and cultural variations in pre and post-contact periods; problems in contemporary societies.
3rs
3cr.
```


## ANTHC 21300 - Latin America: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Development and organization of tropical forest Indians, hacienda and plantation economies, peasant and urban societies.
3 hrs
3 cr .

## ANTHC 21400 - The Caribbean: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3 hrs
3 cr .

ANTHC 22600 - Archaeology of Africa

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 30700-Anthropology of Religion

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr .

## ANTHC 30800 - Human Ecology

```
Pluralism and Diversity
PD/A
GER
3/B
Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .
```


## ANTHC 30900-Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31000 - Politics and Power in Anthropological Perspective

```
Pluralism and Diversity
PD/A
GER
3/B
```

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
$3 c r$.

Art

## ARTH 20500 - Egyptian Art

```
Pluralism and Diversity
PD/A
GER
3/A
Geographical, historical and social conditions of the Nile. Influence of Egyptian art.
prereq: ARTH 11100
prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.
3 hrs
cr.
```


## ARTH 26000 - Islamic Art and Architecture

```
Pluralism and Diversity
PD/A
GER
3/A
Introduction to the art and architecture of Islamic lands (7th to 19th century).
prereq: ARTH 11100
3 hrs
cr.
```


## ARTH 26300 - Art of East Asia: Painting and Calligraphy

Pluralism and Diversity
PD/A
GER
3/A

Art of the brush in a chronological and thematic approach. From the classical tradition up until the 20th century. prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 27000 - Art of Africa and Oceania

Pluralism and Diversity
PD/A
GER
3/A

Survey of African art; function, subjects, forms and styles of the arts in the cultural contexts.
prereq: ARTH 11100
3 hrs
3 cr.

## ARTH 36100 - Special Topics Lecture in Islamic Art (W)

```
Pluralism and Diversity
P/D A
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 37100 - Special Topics Lecture in Asian Art (W)

```
Pluralism and Diversity
P/D A
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 46000 - Advanced Studies Seminar in Islamic Art (W)

Pluralism and Diversity P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 47000 - Advanced Studies Seminar in Asian Art (W)

## Pluralism and Diversity

 P/D AUpper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

## Classical and Oriental Studies

## Arabic Division

## ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: $E N G 22000$ or equiv.
3 hrs
3 cr .

## ARB 25100 - Arab Cinema (in translation)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25200 - Literatures from the Islamic World (W)

## Hunter Core

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7 th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25300 - Literatures and Cultures of Muslim Spain (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25400 - The Arabian Nights East and West (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

## ARB 25500 - Modern Palestinian Culture

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> Pluralism and Diversity <br> PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

## ARB 25600 - Modern Arab Theatre

## Hunter Core

World Culture and Global Issues (WCGI_
Pluralism and Diversity
PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.
3 hrs
3 cr .

## Chinese Division

## CHIN 11100-Chinese Culture I

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3 cr .

## CHIN 11200 - Chinese Culture II

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
3 cr .

## CHIN 30600-20th-century Chinese Literature

Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.

## CHIN 30700 - Classical Chinese Poetry

Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs
3 cr .

## CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000

3 hrs
3 cr .

## CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr .

Classics Division
CLA 22500 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .
CLA 22700 - Archaeology of Eastern Mediterranean (W)

```
Pluralism and Diversity
PD/A
GER
3/A
Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age.
prereq: ENGL 12000, CLA 20400
3 hrs
cr.
```

CLA 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400

3 hrs
3 cr .

## CLA 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity<br>PD/A<br>GER<br>3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

Hebrew Division

## HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.
prereq: ENGL 12000
3 hrs
3 cr .

## HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

3 hrs
3 cr

## HEBR 22100 - Modern Israeli Culture

## Hunter Core

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

## HEBR 22200 - Introduction to Jewish Texts and Writings

## Hunter Core

World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

## HEBR 24000 - Introduction to the Old Testament

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.

```
3 hrs
```

3 cr

## HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
$3 c r$
HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

HEBR 28800 - Ancient Hebraic Folklore

Pluralism and Diversity
PD/A
GER
2/C

Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apoyphal literature and rabbinic Aggada.
3 hrs
3 cr

HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr

## HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr

## HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr
HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr
HEBR 31500-Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A
GER
3/A

Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.

## 3 hrs

3 cr.

## HEBR 31700 - Biblical Literature: Prophetic Books

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/A

Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr
HEBR 31800 - Biblical Literature: Hagiographa

Pluralism and Diversity
PD/A
GER
3/A

Selections from Job, Proverbs, Psalms and the five Magillot.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32100 - Talmudic Literature

Pluralism and Diversity
PD/A
GER
3/A

Selections from Talmud and Midrash.
prereq: HEBR 20200 or equiv.
3 hrs
$3 c r$

Japanese Division
JPN 25100 - Japanese Culture Before 1600

Pluralism and Diversity
PD/A
GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its
art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr

## JPN 25200 - Japanese Culture Since 1600

## Pluralism and Diversity

PD/A
GER
2/C
This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

## JPN 26100 - Special Topics in Japanese Culture

```
Pluralism and Diversity
PD/A
GER
2/C
```

Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## Russian Division

## RUSS 29300 - Folklore in Translation: A Comparative Study

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in
juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
3cr.
```


## Dance

## DAN 25200 - Special Topics: Traditional Dance I

```
Pluralism and Diversity
GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics
vary. May be taken twice for credit with permission of department.
prereq: placement class
4rs
2cr
```

DAN 35200 - Special Topics: Traditional Dance II

Pluralism and Diversity
PD/A
GER
3/A

Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr .

## Economics

## ECO 33000 - Economic Development

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr.

## English

## ENGL 25000 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B or C or D

## GER

2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 25100 - Topics in Literature

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25500 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Each course examines literature written in the English language by writers in non-European traditions. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32500 - Post-Colonial Literature in English (W)

```
Pluralism and Diversity
P&D A
GER
3/A
```

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32700 - Topics in Caribbean Literature (W)

## Pluralism and Diversity

PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33300-Topics in Language and Linguistics

GER
3/A
Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A
Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.
prereq: ENGL 22000
3 hrs
3 cr .

## Film and Media Studies

FILM 32800 - Images of Resistance in the Developing World

```
Pluralism and Diversity
PD/A
GER
3/A
Focuses on challenges by developing world films and filmmakers to Western media stereotypes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: FILM 10100
4 hrs
\(3 c r\).
```

MEDIA 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Challenges by developing-world films and filmmakers to Western media stereotypes. prereq: MEDIA 18000
4 hrs
3 cr .
MEDIA 39500 - Mass Media in Developing Countries

Pluralism and Diversity
PD/A
GER
3/A

Exploration of impact of transnational corporations on developing countries and issues of cultural domination. prereq: MEDIA 18000
3 hrs
3 cr .

## FILM 21355 - National Cinema: Asian Cinema

Pluralism and Diversity
PD/A
GER
3/A
prereq: FILM 10100
4 hrs
3 cr.

## Geography

## GEOG 15000 - World Regional Geography

```
Pluralism and Diversity
PD/A or D
GER
2/B
```

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## GEOG 37000-Geography of Sustainable Development in Developing Countries

Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 37100 - Rural Water Supply in Developing Regions

## Pluralism and Diversity

PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.
prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## History

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 20800 - History of the Jews

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

## HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800

## Pluralism and Diversity

PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18 th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27651 - The Modern Middle East from 1800 to the Present

```
Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and
including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of
imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
```

HIST 27700 - East Asia to 1600

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.

## HIST 27800 - East Asia, 1600 to the Present

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 28800 - History of Africa to the 19th Century

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 28900 - Africa in the 19th and 20th Centuries

Pluralism and Diversity
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 30900 - Jewish History in the Ancient World

## Pluralism and Diversity

PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31900 - Jewish History in the Medieval and Early Modern Periods (W)

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from late antiquity to the 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 37300 - History of the Ottoman Empire (W)

Pluralism and Diversity
PD/A
GER
3/B

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the $12^{\text {th }}$-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.
prereq: ENGL 12000
3 hrs
3 cr .
HIST 37900 - Japan to 1800

Pluralism and Diversity
PD/A
GER
3/B

Japanese history from Neolithic times to the late Tokugawa period, emphasizing political, social, religious and cultural developments.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 38000 - Japan since 1800

```
Pluralism and Diversity
PD/A
GER
3/B
```

Japan's remarkable transformation from the late Tokugawa to the present, emphasizing political, cultural and socialeconomic aspects of the Meiji Restoration, the rise of militarism and post-World War II developments.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## Honors

## Music

## MUSHL 10700 - The World of Music

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean. 3 hrs
3 cr .

## MUSHL 24000 - Music of the Caribbean and Latin America (W)

Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.
prereq: ENGL 12000; one of the following:MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr .

## MUSHL 24100 - Music of Asia (W)

Pluralism and Diversity
PD/A
GER
3/A

Music and its relationship to dance and drama in the major civilizations of East Asia, Southeast Asia, South Asia, Central Asia, and the Middle East.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.

## 3 hrs

3 cr .

## MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
3 hrs
3 cr

MUSHL 24500 - Music of Africa (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to traditional and popular African music and performance practices. Theoretical and methodological issues as defined by ethnomusicology.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

MUSHL 26100 - Special Topics in History and Literature of Music (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B or C
GER
3/A

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times.
Depending on topic, may satisfy PD.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.
MUSHL 35200 - Introduction to Ethnomusicology I (W)

```
Pluralism and Diversity
PD/A
Survey of musical traditions of sub-Saharan Africa, Europe, and the Americas.
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
cr.
```

MUSHL 35300 - Introduction to Ethnomusicology II (W)

## Pluralism and Diversity

PD/A
Survey of musical traditions of North Africa, the Middle East, Oceania, and South and East Asia.
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
3 cr .

## Philosophy

## PHILO 21900 - Chinese Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A
Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A
Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.
prereq: ENGL 10000 and one course in Philosophy
3 hrs
3 cr .

## Political Science

## POLSC 22800 - Protest Movements in American Politics (W)

## Pluralism and Diversity

P/D B or C
GER
3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

# POLSC 25000 - Comparing Countries (W) 

## Hunter Core

Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
3/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

## POLSC 25300 - Government and Politics in Latin America (W)

Pluralism and Diversity
PD/A
GER
3/B

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 25500 - Government and Politics of Japan and Korea (W)

Pluralism and Diversity
PD/A
GER
3/B

Political, social and economic institutions of Japan and Korea; their domestic politics and relations with the world. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26200 - Government and Politics in Central America (W)

## Pluralism and Diversity

PD/A
GER
3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 26300 - Government and Politics in the Middle East (W)

Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 26700 - The Politics of Southern Africa (W)

Pluralism and Diversity
PD/A
GER
3/B
Political, economic and social institutions in Zimbabwe, Kenya, Nigeria, Tanzania, South Africa, etc.
cross-listed AFPRL 29015
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 38100 - East Asia in World Politics (W)

Pluralism and Diversity
PD/A
GER
3/B
An examination of sources of stability and instability in East Asia, using social science theories and historical background.
prereq: ENGL 12000 or its equivalent; POLSC 27000 or perm instr.
3 hrs
3 cr .

POLSC 25000 - Comparing Countries (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A

GER
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

## POLSC 35300 - Social Movements, Civil Society and the State in Latin America (W)

Pluralism and Diversity
P/D A
GER
3/A

Analysis of the role of popular and opposition movements in Latin America and their relationship to the state, from the challenges to the dictatorships of the 1970s through the contemporary neoliberal economic order and democratic polities.
prereq: ENGL 12000 or the equivalent; a course in comparative politics; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr.

## POLSC 35600 - India's Democratic Experiment (W)

```
Pluralism and Diversity
P/D A
GER
3/B
```

Assesses the nature and durability of India's democratic political system. Examines key events, personalities, institutions, and movements in Indian politics from Independence (1947) to the present. Focuses on the challenge of adapting democratic institutions to circumstances of extreme social diversity and economic deprivation. prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

## POLSC 36000 - Democracy \& Development in a Globalizing World (W)

```
Pluralism and Diversity
P/D A
GER
3/B
```

The relationship between democracy and development in post-colonial countries. Questions include: What relations of causality, in either direction, have political scientists sought to establish between democracy and development? What is the impact of globalization on these relations? How can historical analysis help to illuminate these and other issues, such as why some countries have been better at promoting per capita income growth than others? What efforts have
been undertaken - by individual citizens, by civic groups, by aid donors - to plug the democratic deficits that arise in the course of pursuing development under $21^{\text {st }}$ Century conditions?
prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

## Religion

## REL 25100 - Asian Religions (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25200 - Ancient Near Eastern Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr .

REL 25400 - Tribal Religions: From Australia to the Americas (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C
Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25500 - Religions of Two Gods (W)

```
Pluralism and Diversity
PD/A
GER
2/C
A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr .
```

REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices. prereq: ENGL 12000
3 hrs
3 cr .

## REL 32100 - Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices. prereq: ENGL 12000
3 hrs
3 cr .

REL 32200-Islam (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .
REL 32400 - Islam and Buddhism (W)

```
Pluralism and Diversity
PD/A
GER
3/A
Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr.
```


## REL 33600 - Zen (W)

Pluralism and Diversity
PD/A
GER
3/A

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 33700 - Sufism (W)

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr .

## Romance Languages

## SPAN 26900 - Spanish American Women's Literature and Cinema (W)

## Pluralism and Diversity

PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.cross-listed WGSA 26900 prereq: ENGL 12000
3 hrs
3 cr .

## Sociology

## SOC 36100 - Development and Modernization (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

## Women and Gender Studies

## WGS 200XX - Special Topics in Women and Gender Studies

Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{A}$ or B or C or D (see department)<br>Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism \& diversity requirement, for further detail see department.<br>3 hrs<br>3 cr .

## WGSA 26900 - Spanish American Women's Literature and Cinema (W)

```
Pluralism and Diversity
PD/A or C
GER
3/A
```

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr.

## WGS 300XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category.

3 hrs
3 cr .

## Pluralism and Diversity Requirement - Group B: 3 credits

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific or social) that emerge from, are reflected in or are principally derived from the historical conditions, perspectives, immigrant experiences and/or intellectual traditions of one or more of the following groups in the United States of America: African Americans, Asian Americans, Latino Americans and Native Americans.

## Africana and Puerto Rican/Latino Studies

## AFPRL 10000 - Introduction to Black Politics

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
```

General survey of politics of African world with major emphasis on politics in Black America.
3 hrs
3 cr

## AFPRL 10100 - Introduction to Africana Studies

```
Pluralism and Diversity
PD/A or B
GER
2/B
Introduction to the history and culture of Africa and the African diaspora.
3 hrs
3cr.
```


## AFPRL 10200 - Latino Communities in the United States

```
Pluralism and Diversity
PD/B
GER
2/B
Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr .
```


# AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective 

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3cr.
```


## AFPRL 14100 - Puerto Rican Folklore

Pluralism and Diversity
PD/A or B
GER
2/C

Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.
3 hrs
3 cr .

## AFPRL 20300 - African American History I

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr .

## AFPRL 20400 - African American History II

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr .

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
```

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr .

## AFPRL 22000 - African Spirituality in the Diaspora

```
Pluralism and Diversity
PD/A or B
GER
2/C
The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3cr.
```


## AFPRL 23600 - African American Literature (W)

```
Pluralism and Diversity
PD/B
GER
2/A
Introduction to African American writing, from earliest expressions to present.
prereq: ENGL 12000
3 hrs
3cr.
```


## AFPRL 23700 - African Caribbean Literature (W)

## Pluralism and Diversity

PD/A or B
GER
2/A
Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)

## Hunter Core

English Composition (EC)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
prereq: ENGL 12000
3 hrs
3 cr

## AFPRL 24300 - Puerto Rican Culture

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C
```

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr .

## AFPRL 24400 - Puerto Ricans in the United States

Pluralism and Diversity
PD/B
GER
2/B
Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr .

## AFPRL 25500 - Puerto Rican/Latino Children in North American Schools

Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.
3 hrs
3 cr .

## AFPRL 26000 - Latinos and US Citizenship

## Hunter Core

Individual and Society
Pluralism and Diversity
PD/B
Study of the relationship of US Latinos to the institution of American citizenship through history and examination of major issues today.

## AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr .

## AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)

```
Pluralism and Diversity
PD/B
GER
3/B
Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
cr.
```

AFPRL 30900 - African-Americans and Africa (W)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
3/B
Major evidence of Black American involvement and interest in Africa from 1775 to present.
prereq: AFPRL 20300 or 20400
3 hrs
3 cr.
AFPRL 31300 - Slavery (W)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
3/B
Historical overview of slavery from Africa to the Americas.
prereq: AFPRL 20300 or 20900 or perm instr.
3 hrs
3 cr .

## AFPRL 31900 - Women in the African Diaspora (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C

GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 32000-African-Caribbean Culture (W)

Pluralism and Diversity
PD/A or B
GER
3/A
Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr .

## AFPRL 32100 - Caribbean Migration and New York City (W)

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{A}$ or B
GER
3/B
An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr

## AFPRL 35100-Major Puerto Rican Figures (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B
GER
3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr .

## AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B

GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr.

## AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)

Pluralism and Diversity
PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures.
Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3 cr .

## AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

Pluralism and Diversity
PD/B
GER
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr .

## AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science

```
Pluralism and Diversity
PD/B
GER
3/A or B
Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
cr.
```

Anthropology

## ANTHC 21100 - Native North America: Societies and Cultures

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{A}$ or B
GER
3/B

Adaptive strategies and cultural variations in pre and post-contact periods; problems in contemporary societies.
3 hrs
3 cr .

## ANTHC 21500 - The Anthropology of Black America (W)

Pluralism and Diversity
PD/B
GER
3/B
Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr .

## ANTHC 21800 - The Anthropology of the Civil Rights Movement in the U.S.

## Pluralism and Diversity

PD/B
GER
3/B
This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.
prereq: ANTHC 10100 or departmental permission
prereq or coreq: ENG 120
3 hours
3 credits

## ANTHC 32000 - Problems in Anthropology

## GER

3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

## ANTHC 42600 - Seminar in Archaeological Field Methods

## Pluralism and Diversity

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.
The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## Asian American Studies

## ASIAN 21000 - Asians in the U.S.


#### Abstract

Hunter Core I\&S Pluralism and Diversity PD/B Critical nterdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order. Recommended for but not required of AASP Minors. 3 hrs 3 cr .


## ASIAN 22001 - Asian American Women Writers


#### Abstract

Pluralism and Diversity $\mathrm{PD} / \mathrm{B}$ or C Critical examination of Asian American women's identity formations in relation to factors such as racial ideology, global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.


3 hrs
3 cr .

## ASIAN 22004 - Arab American Literature

## Pluralism and Diversity <br> PD/B <br> Critical examination of a cross-section of literature and film/video/performance by Arab American writers and artists in an interdisciplinary investigation of the historical and contemporary experiences of Arab Americans in the United States and western diaspora. <br> 3 hrs <br> 3 cr .

## ASIAN 22005 - South Asian Women's Literature

## Pluralism and Diversity

PD/B or C
Close examination of literary, historical, and theoretical texts with a focus on the cultural production and social movements of South Asian women, with particular attention to how issues of race and nationalism are shaped and how they have overlapped with gender, class, sexuality, religion, and language.
3 hrs
3 cr.

## ASIAN 22006 - Filipino American Literature

## Pluralism and Diversity <br> PD/B

Close examination of the historical and social contexts in which Philippine-American literature has evolved, the diverse aesthetics and themes of individual writers, and analysis of how issues of Philippine-American cultural production takes up issues of gender, class, sexuality, religion, language, and national identity.

3 hrs
3 cr .

## ASIAN 22009 - Gender and Genre in Asian American Literature and Film


#### Abstract

Pluralism and Diversity PD/B, PD/C Critical exploration of the social construction of Asian American identity in various genres: video art, prose, poetry, memoir, performance, and film. The emphasis of the course is on intersectional analyses that critically examine how race, gender, class, and sexuality inform Asian American artists' decisions regarding form and genre.


3 hrs
3 cr .

## ASIAN 22012 - Asian American Literature


#### Abstract

Pluralism and Diversity PD/B or C Critical examination of literary texts by Asians in the U.S. and western diaspora, tracing Asian American literary production in order to understand how these literatures are a formative site to engage in intersectional analyses of constructions of history, citizenship, and identity. 3 hrs 3 cr.


## ASIAN 22500 - Asian American Art (W)

## Pluralism and Diversity <br> P\&D B

Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.
prereq: ENGL 12000
3 hrs
3 cr .

## ASIAN 23001 - Globalization and Gender

```
Pluralism and Diversity
PD/B
3 hrs
cr.
```


## ASIAN 23002 - Asian American Communities and Mental Health


#### Abstract

Hunter Core Individual and Society (Social Sciences) -I\&S SS Pluralism and Diversity PD/B Introduction to pyychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery. 3 hrs 3 credits


## ASIAN 32001 - Nation, Self, and Asian Identity

## Pluralism and Diversity

PD/B
Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with particular emphasis placed upon juridical constructions of citizenship, community, and belonging.
3 hrs
3 cr .

## ASIAN 32005 - Asian American Memoir

## Pluralism and Diversity <br> PD/B

Close examination of memory as an imagined and contested site that complicates and challenges how we constitute self and other. Students will analyze constructions of identity through Asian American narratives, and their relation to language, form and experience, including immigration and gendered narratives to transnational categories of homeland and belonging.

3 hrs
3 cr.

## ASIAN 32100 - Asian American Social Protest Literature

## Pluralism and Diversity <br> PD/B

Deconstruction and examination of historical and contemporary Asian American literatures of social protest and resistance. Students utilize readings as a framework for initiating, planning, and executing semester-long communitybased projects.
3 hrs
3 cr .

## ASIAN 33001 - Chinese in the U.S.

## ASIAN 33003 - South Asians in the U.S.

## ASIAN 33008 - Muslim Diasporas


#### Abstract

Pluralism and Diversity PD/B Interdisciplinary course moving through the history of Islam and its expressions in many areas of the world (including Sufism), to the cultural identity, art, and literature of the Muslim Diaspora in the United States, their misrepresentations in the media, and fetishization by popular culture.


3 hrs
3 cr .

## ASIAN 33052-Oral History, Cultural Identity and the Arts

## ASIAN 34001 - Asian Pacific American Media

```
Pluralism and Diversity
PD/B
Addresses Asian Pacific American experiences of assimilation, displacement, marginalization, multiculturalism, and
resistance to the cultural 'norm' within Asian Pacific communities through screening a wide range of films and videos
and reviewing critical and fictional writing. Guest artists may also lecture.
3 hrs
3cr.
```


## ASIAN 34003 - West Asian American Literature and Film

```
Pluralism and Diversity
PD/B
Interdisciplinary course that first examines the cultural, linguistic, and religious diversity of West Asia, sometimes
called Central Asia and/or the Middle East, to then focus on the literature and film of their diasporic communities in the
U.S.
3 hrs
cr.
```


## ASIAN 35100-Asian American History of Labor and Politics

## Pluralism and Diversity

PD/B
This seminar explores the interconnected issues of race, class, and nationality through the study of the history of Asian immigrant labor in the U.S. in the context of American economic needs and political environment.

3 hrs
3 cr.

## Pluralism and Diversity

PD/B
This interdisciplinary course examines the origins and processes of migration and settlement, past and present. Includes a series of lectures by leading scholars from a variety of academic fields and immigrant communities. Topics include: immigration and labor, race and gender, social and cultural identity, immigration policy and political action, and the trans-nationalization of education and family life.
3 hrs
3 cr .

## ASIAN 39002 - Asian American Civil Rights and the Law

Pluralism and Diversity
PD/B
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.

3 hrs
3 cr .

## ASIAN 39006 - Gender and Sexuality in Asian American Literature and Film

## ASIAN 39015 - Immigration and the Economy

3

## ASIAN 39016 - Ethnicity and American English

## ASIAN 39018 - Asian American Poetics

## ASIAN 49100 - Asian American Movement and Community Organizations

## Pluralism and Diversity

PD/B
Semester-long analysis of the development of pan-ethnic Asian American consciousness and institutions since the late 1960s, with a focus on this movement's impact on community organizations of Asian national sub-groups examined in the context of larger American racial and ethnic politics.
3 hrs
3 cr.
ASIAN 49000-Immigration Policy

Pluralism and Diversity
PD/B

## English

ENGL 25000 - Topics in Literature

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25600 - Topics in Literature by Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Each course is an examination of one or more of the following groups: African Americans, Asian Americans, Latino Americans, Native Americans and Caribbean Americans. May be repeated once for credit with a different topic. prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 32100 - Topics in African American Literature

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32300 - Topics in Asian American Literature

```
Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3cr.
```


## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32600 - Topics in US Latina/o Literature

## Pluralism and Diversity

PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34700 - Language and Ethnicity

```
Pluralism and Diversity
PD/B
GER
3/A
```

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 49400 - Honors Seminar: Special Studies

## Pluralism and Diversity

PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr .

## Film and Media Studies

## FILM 21400 - Multicultural Perspectives in Cinema

## Pluralism and Diversity

PD/B (214.51 only)
GER
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 32700-Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
4 hrs
$3 c r$.

## Geography

## GEOG 24100 - Population Geography

## Pluralism and Diversity <br> $\mathrm{PD} / \mathrm{B}$ or C <br> GER <br> 3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GEOG 34200-Geography of International Migration and Ethnicity

## Pluralism and Diversity <br> PD/B <br> GER <br> 3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr .

## Music

## MUSHL 21700 - History of Jazz (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Survey of jazz from its origins to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 22100 - Black Music in the Americas (W)

## Pluralism and Diversity <br> PD/B <br> GER <br> 3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general. prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr. 3 hrs
$3 c r$.

## MUSHL 26100 - Special Topics in History and Literature of Music (W)

```
Pluralism and Diversity
PD/A or B or C
GER
3/A
```

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times. Depending on topic, may satisfy PD.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## Nursing

## NURS 34600 - Death and Dying

```
Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3cr.
```


## NURS 38400-Nursing Culturally Diverse Families

## Pluralism and Diversity <br> PD/B <br> Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions. <br> 3 hrs <br> 3 cr .

Philosophy

## PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## Political Science

## POLSC 22100 - U.S. Immigration Policy (W)

```
Pluralism and Diversity
PD/B -or- PD/C
GER
3/B
```

The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.
prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr .

## POLSC 22800 - Protest Movements in American Politics (W)

Pluralism and Diversity
P/D B or C
GER
3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor,
civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.
prereq: ENGL 12000 or equivalent
3 hrs
$3 c r$.

## POLSC 32000 - Ethnic Politics (W)

## Pluralism and Diversity <br> PD/B <br> GER <br> 3/B

Ethnicity in local and national politics. Major groups, how they affect government, what government does for them. prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.

## Religion

## REL 25400 - Tribal Religions: From Australia to the Americas (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C
```

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .

REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C
An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
$3 c r$.
REL 25700 - Religions of Ancient Central and South America (W)

Hunter Core
World Cultures and Global Issues (WCGI)

## Pluralism and Diversity

P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr .

## Sociology

## SOC 21700 - Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .

## SOC 30700-Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .

## Theatre

## THEA 21400-Multicultural Perspectives in Theatrical Performance (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of a selected minority theatre tradition in the United States: original roots, development, and influence on the cultural life of the group to be studied and on American culture in general. May be repeated for credit with a different
topic.
prereq: THEA 10100
3 hrs
3 cr .

## THEA 21500 - Black Theatre (W)

Pluralism and Diversity<br>PD/B<br>GER<br>3/A

Background and development, present practice, and future possibilities of Black theatre in America. prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

## Women and Gender Studies

## WGS 200XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{A}$ or B or C or D (see department)
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism \& diversity requirement, for further detail see department.
3 hrs
3 cr .

## WGSL 30600-Gender and Migration

## Pluralism and Diversity <br> PD/B <br> GER <br> 3/B

This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.
prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr .

## WGSC 32900 - Women in the African Diaspora (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C
GER

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.
cross-listed AFPRL 31900 (W)
prereq: AFPRL 20400, 20900 or 21000 or perm instr.
3 hrs
3 cr .

## Pluralism and Diversity Requirement - Group C: 3 credits

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific or social) that emerge from, are reflected in or are principally derived from the historical conditions, perspectives and/or intellectual traditions of women and/or issues of gender or sexual orientation.

## Africana and Puerto Rican/Latino Studies

## AFPRL 31800 - Women in Africa (W)

Pluralism and Diversity
PD/C
GER
3/B

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
cross-listed WGSC 31800 (A Writing-intensive Course)
prereq: AFPRL 20200 or 22200 or perm instr.
3 hrs
3 cr .

## AFPRL 31900 - Women in the African Diaspora (W)

## Pluralism and Diversity <br> $\mathrm{PD} / \mathrm{B}$ or C <br> GER <br> 3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 33600 - African-American Women Writers (W)

## Pluralism and Diversity

PD/C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.
cross-listed WGS 33600 (W)
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

## Anthropology

## ANTHC 30100-Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B
Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31200-Anthropological Approaches to Sexuality

## Pluralism and Diversity

PD/C
GER
3/B
Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.
prereq: ANTHC 10100
3 hrs
3 cr .

## ANTHC 32000 - Problems in Anthropology

GER
3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

## ANTHC 32076 - Language, Sex and Gender

## Pluralism and Diversity

PD/C
GER
3B
cross-listed WGSA 300.53
prereq: ANTHC 15100 or permission from instructor and or department
3 hrs
3 cr.

## ANTHC 32200 - Family and Household in Anthropology and History

## Pluralism and Diversity

PD/C
GER
3/B

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100
3 hrs
3 cr.

## Asian American Studies

## ASIAN 22009-Gender and Genre in Asian American Literature and Film

## Pluralism and Diversity

PD/B, PD/C
Critical exploration of the social construction of Asian American identity in various genres: video art, prose, poetry, memoir, performance, and film. The emphasis of the course is on intersectional analyses that critically examine how race, gender, class, and sexuality inform Asian American artists' decisions regarding form and genre.

## 3 hrs

3 cr .

## Biological Sciences

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 16000 - Honors Principles of Biology II

## Pluralism and Diversity <br> $\mathrm{PD} / \mathrm{C}$ or D <br> GER <br> 2/E

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.
Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.
prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
not offered 2014-15

## Classical and Oriental Studies

## Classics Division

## CLA 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D

## GER

GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.
cross-listed WGSC 30500 (W)
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## Hebrew Division

## HEBR 21000 - Selected Studies in Hebrew Literature in Translation

Pluralism and Diversity
PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr .

## HEBR 25000 - Topics in Hebraic Studies

## Pluralism and Diversity

PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr

## HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr.

## HEBR 45100 - Selected Studies in Hebrew Literature

## Pluralism and Diversity

PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division

3 hrs
$3 c r$

## Russian Division

## RUSS 15600 - Culture of Imperial Russia: the Age of Empresses

```
Hunter Core
Individual and Society (I&S)
Pluralism and Diversity
PD/C
GER
2/C
```

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great. cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 26000 - Russian Women Writers in English Translation (W)

## Hunter Core <br> I\&S <br> Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. cross-listed WGSA $26000(\mathrm{~W})$
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 36000 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A

Studies the contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. Readings and some writing in Russian.
cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## Economics

## ECO 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, "human capital" investments, labor market policy issues.
cross-listed WGSL 34500
prereq: ECO 20000
3 hrs
3 cr .

## English

## ENGL 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women written in English will be studied with emphasis on the diversity of women's lives and the effect of gender on experience. May be repeated once for credit with a different topic.
cross-listed WGS 25800 (W)
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A
Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25000 - Topics in Literature

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B or C or D

## GER

2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 30800 - Workshop in Non-Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr.

## ENGL 32200 - Topics in Gender and Sexuality in Literature

## Pluralism and Diversity

PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38600 - Topics in British and American Literature

## Pluralism and Diversity $\mathrm{PD} / \mathrm{C}$ or $\mathrm{PD} / \mathrm{D}$ (some topics) <br> GER <br> 3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38700 - Topics in British and/or Irish Fiction

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D ; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39800 - Topics in American Fiction

## Pluralism and Diversity

PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr.

## ENGL 39900 - Topics in American Multi-Genre Literature (W)

## Pluralism and Diversity

PD/C
GER
3/A
Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr .
ENGL 49400 - Honors Seminar: Special Studies

## Pluralism and Diversity

PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr .

## Film and Media Studies

## FILM 21500 - Women and Film

## Pluralism and Diversity

PD/C
GER
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.
prereq: FILM 10100
4 hrs
3 cr.

## MEDIA 38400 - Women and Media

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGSA 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr .

## Geography

## GEOG 24100 - Population Geography

## Pluralism and Diversity <br> PD/B or C <br> GER <br> 3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why
these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

## German

## GERMN 32300 - Women in German Literature

```
Pluralism and Diversity
PD/C
GER
3/A
Reading and discussion of literature from the 19th century to the present written in German by and about women. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
```


## GRMN 32400 - Post-Feminist German Literature and Film

## Pluralism and Diversity <br> P\&D C

Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21 st centuries.
prereq: GERMN 20200 or 20300 or equivalent
3 hrs
3 cr .

## History

## Music

## MUSHL 25000 - Women and Music (W)

```
Pluralism and Diversity
PD/C
GER
3/A
An ethnomusicological study of women and music in cross-cultural perspective. cross-listed WGSA 25000 (W)
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000, or perm. Instr. 3 hrs
3 cr .
```

MUSHL 26100 - Special Topics in History and Literature of Music (W)

Pluralism and Diversity
PD/A or B or C
GER
3/A

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times. Depending on topic, may satisfy PD.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## Nursing

## NURS 34000 - Women's Health

Pluralism and Diversity
PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr .

## NURS 35100 - Gender, Science and Technology

## Pluralism and Diversity

PD/C
Explores the complex relationship between women and the sciences. cross-listed WGSS 35100
3 hrs
3 cr .

## Philosophy

## PHILO 21600 - Women Philosophers of the Past

Pluralism and Diversity
PD/C
GER
3/A
Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement. cross-listed WGS 21600
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

Pluralism and Diversity
PD/C
GER
3/A

Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## Political Science

## POLSC 20900 - Women and Gender in Western Political Thought (W)

```
Pluralism and Diversity
PD/C or D
GER
3/B
Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
```


## POLSC 21800 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B
Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes. cross-listed WGSP 21800 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C
GER
3/B
Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 22100 - U.S. Immigration Policy (W)

```
Pluralism and Diversity
PD/B -or- PD/C
GER
3/B
```

The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.
prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr.

## POLSC 22800 - Protest Movements in American Politics (W)

Pluralism and Diversity<br>P/D B or C<br>GER<br>3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .
POLSC 28000 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B
The course examines the roles that women have played as subjects and objects in war and peace. cross-listed WGSP 26200 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 30900 - Feminist Political Theory (W)

Pluralism and Diversity
PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
$3 c r$.

## Psychology

## PSYCH 17000 - Psychology of Human Sexuality

```
Pluralism and Diversity
PD/C
GER
2/B
```

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .

## PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
3 cr .
PSYCH 23500 - The Psychology of Women (D/S)
Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensivecross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)

## Pluralism and Diversity

PD/C
GER
3/B

Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## Religion

## REL 31100 - Women and Religion (W)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 31600 - Men and Religion (W)

## Pluralism and Diversity

PD/C -or- PD/D
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars-both male and female--have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 34000 - Homosexuality in World Religions (W)

## Pluralism and Diversity

PD/C
GER
3/A

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender. prereq: ENGL 12000
3 hrs
3 cr .
Romance Languages

## French

## FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/A
The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr .
Italian

## ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English

Pluralism and Diversity
PD/C
GER
2/C
Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

## ITAL 33800-19th and 20th Century Italian Women Writers, in English

## Pluralism and Diversity

PD/C
GER
3/A
Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Marghenta Guidacci, Maria Luisa Spaziani.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
$3 c r$.

## ITAL 33900 - Italian American Women Writers and Artists: Issues of Identity (W)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

In English. An active exploration of feminine Italian American identity through literature, film and visual arts.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

## Spanish

## SPAN 26900 - Spanish American Women's Literature and Cinema (W)

## Pluralism and Diversity

PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.cross-listed WGSA 26900
prereq: ENGL 12000
3 hrs
$3 c r$.

## Sociology

## SOC 20100-The Family

## Pluralism and Diversity

PD/C
GER
3/B
Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr .

## SOC 25700 - Sex and Gender Roles

```
Pluralism and Diversity
PD/C
GER
3/B
```

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
$3 c r$.
Thomas Hunter Honors Program
Women and Gender Studies

## WGS 10000 - Introduction to Gender and Sexuality Studies

## Hunter Core

Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr .

## WGS 12100 - Public Speaking in Gender Studies

## Pluralism and Diversity

P\&D C
This course is designed to cultivate and improve students' public speaking skills, for use in the classroom and in broader public spheres. To do so, we will engage with materials in critical identity studies (primarily on class, race, gender, and sexuality), which generate complex debates and afford fruitful opportunities to refine oratory skills.

3 hrs
3 cr.
WGSC 15600 - Culture of Imperial Russia: The Age of Empresses
Pluralism and Diversity
PD/C

GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed RUSS 15600
prereq: ENGL 12000
3 hrs
3 cr .

## WGSS 17000 - Psychology of Human Sexuality

## Pluralism and Diversity

PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
prereq: PSYCH 10000
3 hrs
3 cr .

## WGSS 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed PSYCH 19000
3 hrs
$3 c r$.

## WGS 200XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

PD/A or B or C or D (see department)
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism \& diversity requirement, for further detail see department.
3 hrs
3 cr .

## WGS 20100-Classics in Feminist Thought (W)

Pluralism and Diversity
PD/C

## GER

3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr .

## WGST 20900 - Women and Gender in Western Political Thought (W)

```
Pluralism and Diversity
PD/C or D
GER
3/B
```

The history of political thought from the perspective of gender relations and the treatment of women. cross-listed POLSC 20900
prereq: ENGL 12000 or equiv.
3 hrs
$3 c r$.

## WGS 21600 - Women Philosophers of the Past

```
Pluralism and Diversity
PD/C
GER
3/A
```

Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.
cross-listed PHILO 21600
prereq: ENGL 12000, one course in philosophy
3
3
WGSP 21900 - Women and the Law

## WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s

Pluralism and Diversity
PD/C
GER
3/A

Discussion of the women's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.

Depending on topic, will satisfy a GER category.cross-listed FILM 22252
prereq: FILM 10100
4 hrs
3 cr .

## WGSP 22300 - Sociology of the Family

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed SOC 20100
prereq: SOC 10100
3 hrs
3 cr .
WGST 23000 - Feminism: Philosophical Theory and Practice (W)

Pluralism and Diversity
PD/C
GER
3/A

Analysis of feminist theories and their practical implications.
cross-listed PHILO 23000
prereq: ENGL 12000 and one course in philosophy
3 hrs
3 cr .
WGSP 23500 - The Psychology of Women (W)

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
cross-listed PSYCH 23500
prereq: 6 cr. in PSYCH courses
3 hrs
3 cr .
WGSA 25000 - Women and Music (W)

Pluralism and Diversity
PD/C
GER
3/A

An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed MUSHL 25000
prereq: ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm
instr.
3 hrs
3 cr .

## WGSP 25100 - Women and Health

```
Pluralism and Diversity
PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women,
reproductive and sexual health, and medical practices.
cross-listed HED }2010
3 hrs
3cr.
```


## WGSS 25700 - Sex and Gender Roles

## Pluralism and Diversity

PD/C
GER
3/B
Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed SOC 25700
prereq: SOC 10100 or perm instr.
3 hrs
3 cr .

## WGS 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A
Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.
May be repeated once for credit with a different topic.cross-listed ENGL 25800
prereq: ENGL 22000
3 hrs
3 cr .

## WGSA 26000 - Russian Women Writers in English Translation (W)

## Pluralism and Diversity

PD/C
GER
3/A
The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M.

Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others.
cross-listed RUSS 26000
prereq: ENGL 22000
3 hrs
3 cr .

## WGSP 26100 - Women and Politics (W)

```
Pluralism and Diversity
PD/C
GER
3/B
Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed POLSC 21800
prereq: ENGL 12000
3 hrs
3 cr .
```

WGSP 26200 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B
Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
3 cr .

## WGSS 26600 - Our Bodies, Our Politics

## Pluralism and Diversity

PD/C
Sex and sexuality are commonly understood as an innate drive, but as science has recently begun to show, the way we experience sexuality is better understood as a series of connected cultural practices. It is the constructed meaning attached to the act of sex that make up the foundation of our sexuality. This meaning changes across cultures and communities and has historically been a subject of political and legal struggle. From the battle for reproductive rights to laws limiting dildo ownership in Texas, our own bodies and the way we experience them are legislated and controlled.
prereq: ENGL 12000
3 hrs
3 cr .

## WGSS 38700-Queer Theory

Pluralism and Diversity
PD/C
GER
3/B

Examination of recent contemporary queer theory and politics in the United States, with particular attention paid to its intersections with feminism, critical race theory, class analysis and religion. Course time will also be dedicated to learning to write effectively about political theory.
prereq: WGS 10000
3 hrs
3 cr.

## WGSA 26900 - Spanish American Women's Literature and Cinema (W)

```
Pluralism and Diversity
PD/A or C
GER
3/A
```

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr .

## WGSA 29000 - Special Topics in Gender, Literature and the Arts

## Pluralism and Diversity

PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender, literature, and the arts.
prereq: ENGL 12000
3 hrs
3 cr .

## WGSC 29000 - Special Topics in Women and Gender Across Cultures

## Pluralism and Diversity

PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of women and gender across cultures.
prereq: ENGL 12000
3 hrs
3 cr .

## WGSL 29000 - Special Topics in Labor, Migration, and Globalization

## Pluralism and Diversity

PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of labor, migration, and globalization.
prereq: ENGL 12000

3 hrs
3 cr .

## WGSP 29000 - Special Topics in Gender and Public Policy

## Pluralism and Diversity <br> PD/C

This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and public policy.
prereq: ENGL 12000
3 hrs
3 cr .

## WGSS 29000-Special Topics in Sexualities

Pluralism and Diversity
PD/C
WGSS 29000: This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and sexuality.
prereq: ENGL 12000
3 hrs
3 cr .

## WGST 29000-Special Topics in Feminist Thought and Theory

Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of feminist thought and theory.
prereq: ENGL 12000
3 hrs
3 cr .

## WGSS 29300 - Bathroom Politics

Pluralism and Diversity
P\&D C
In this course, we will study bathrooms in relation to a body of state policies mandating segregated public facilities and spaces, primarily around sex and race. We will examine the anxiety, fear of contamination, and threat of violence in such spaces as it is translated into public policy through regulations including municipal building codes, civil rights legislation, and court cases.
prereq: ENGL 12000
3 hrs
3 cr .

WGS 300XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
3 cr.

## WGSC 30100 - Gender in Anthropological Perspective

## Pluralism and Diversity

PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed ANTHC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/A

Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
$3 c r$.

## WGSL 30600 - Gender and Migration

Pluralism and Diversity
PD/B
GER
3/B

This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.
prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr .

## WGST 30900 - Feminist Political Theory

```
Pluralism and Diversity
PD/C
GER
3/B
```

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.

```
cross-listed POLSC 30900
```

prereq: ENGL 12000
3 hrs
3 cr .

## WGSC 31800 - Women in Africa (W)

```
Pluralism and Diversity
GER 3/B PD/A or C
Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and
revolution.
cross-listed AFPRL 31800(W)
prereq: AFPRL 20200 or AFPRL 22200 or perm instr.
3 hrs
3cr.
```


## WGSA 31900 - Advanced Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration. May be repeated once for credit with a different topic.
cross-listed ENGL 31900
prereq: ENGL 22000
3 hrs
3 cr .

## WGSC 32900 - Women in the African Diaspora (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B
The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values. cross-listed AFPRL 31900 (W)
prereq: AFPRL 20400, 20900 or 21000 or perm instr.

3 hrs
3 cr .

## WGS 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/B or C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.
cross-listed AFPRL 33600
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr .

## WGSL 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, 'human capital' investments, labor market policy issues.
cross-listed ECO 34500
prereq: ECO 20000
3 hrs
3 cr .
WGSS 35100-Gender, Science, and Technology

```
Pluralism and Diversity
PD/C
Explores the complex relationship among gender, science, and technology.
cross-listed (Cross-listed with NURS 35100.)
prereq: ENGL 12000, at least one science course at the 100 level
3 hrs
3cr.
```


## WGS 36000 - Feminist Social Theory

Pluralism and Diversity
PD/C
GER
3/B

An introduction to feminist theory developed by women from Western, Third World and other countries.
cross-listed SOC 36000
prereq: SOC 10100 or perm instr.

3 hrs
3 cr .

## WGSA 36100 - Russian Women Writers

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others. Readings and some writing in Russian.
cross-listed RUSS 36000
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

## WGSA 38400 - Women and Media (W)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed MEDIA 38400
prereq: MEDIA 18000
3 hrs
3 cr .

## WGS 400XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
$3 c r$.

## Pluralism and Diversity Requirement - Group D: 3 credits

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific or social) that emerge from, are reflected in or are principally derived from the historical conditions, perspectives and/or intellectual traditions of Europe, including the ways in which pluralism and diversity have been addressed.

## Anthropology

## ANTHC 22700 - Archaeology of Europe

```
Pluralism and Diversity
PD/D
GER
3/B
```

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 31800-History of Anthropological Theory

```
Pluralism and Diversity
PD/D
GER
3/B
```

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 42600 - Seminar in Archaeological Field Methods

## Pluralism and Diversity

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.
The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.
Art

## ARTH 11100 - Introduction to History of Art

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr. cr

## ARTH 21500 - Greek Art

Pluralism and Diversity
PD/D
GER
3/A
Sculpture and painting from the geometric period to the Hellenistic (ca. 750-100 BC). Emphasis on architectural sculpture, monumental free-standing sculpture and vase painting, in their stylistic and narrative contexts prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 21600 - Roman Art

## Pluralism and Diversity

PD/D
GER
3/A

Roman sculpture and painting from Republican period to Age of Constantine (ca. 100 BC-315 AD). Emphasis on historical reliefs, portraits and wall painting.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 22100 - Later Medieval Art

```
Pluralism and Diversity
PD/D
GER
3/A
Ottonian, Romanesque and Gothic art; architecture, sculpture, painting and minor arts.
prereq: ARTH 11100
3 hrs
3cr.
```


## ARTH 22500 - Art of Early Renaissance

## Pluralism and Diversity

PD/D
GER
3/A

Painting, sculpture and related architecture in 14th- and 15th-century Italy. Major artists from Giotto to Botticelli. prereq: ARTH 11100
3 hrs
3 cr.

## ARTH 22700 - Northern Renaissance Art

```
Pluralism and Diversity
PD/D
GER
3/A
Northern European art from the 14 th }1\mp@subsup{4}{}{\mathrm{ th }}\mathrm{ centuries with emphasis on early Netherlandish painting including Jan van
Eyck, and later masters including Dürer, Bosch and Bruegel.
prereq: ARTH 11100
3 hrs
cr.
```


## ARTH 23000 - Art of High Renaissance and Later 16th Century in Italy

```
Pluralism and Diversity
PD/D
GER
3/A
Sculpture and painting of 16th-century Italy. Emphasis on Leonardo, Raphael, Michelangelo and Titian. prereq: ARTH 11100
3 hrs
cr.
offered spring
```


## ARTH 23500 - Southern Baroque Art

Pluralism and Diversity
PD/D
GER
3/A

Sculpture, painting of 17th-century Italy, France, Spain: Carracci, Caravaggio, Reni, Bernini; Ribera, Velasquez, Zurbaran, Murillo; Poussin, Claude Lorrain.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 24000 - Baroque Art of Northern Europe

Pluralism and Diversity
PD/D
GER
3/A

Sculpture and painting in 17th-century Flanders, Holland and England. Rubens, Van Dyck, Rembrandt; landscape. prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 24300 - Eighteenth-Century Art

Pluralism and Diversity
PD/D
GER
3/A

European painting and sculpture; Watteau, Fragonard and Houdon in France, Hogarth and Reynolds in England, Tiepolo in Italy.
prereq: ARTH 11100
3 hrs
3 cr.
ARTH 24400 - Neo-Classicism and Romanticism: the Age of Revolution, 1789-1848

```
Pluralism and Diversity
PD/D
GER
3/A
Neo-classicism and romanticism in France, Germany, England, Spain. David, Ingres, Delacroix; Friedrich, Runge, the Nazarenes; Blake, Reynolds, Constable; Goya.
prereq: ARTH 11100
3 hrs
3 cr .
```

ARTH 24500 - Issues in 19th-Century French Painting: Realism, Impressionism and Post-Impressionism/Symbolism (1850-1910)

```
Pluralism and Diversity
PD/D
GER
3/A
Impressionists and post-Impressionists within a European context: Courbet, Manet, Monet, Canne, Van Gogh, Gauguin, Munch.
prereq: ARTH 11100
3 hrs
cr.
```

ARTH 24600 - American Art 1760-1900

Pluralism and Diversity
PD/D
GER
3/A

American art beginning with the Colonial period and including West, Copley, the Peales, Cole and the Hudson River School, the Luminists, Homer and Eakins.
prereq: ARTH 111000
3 hrs
3 cr.
offered fall

## ARTH 24900-Twentieth-Century Art I

Pluralism and Diversity
PD/D
GER
3/A
Western art to World War II.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25000 - Twentieth-Century Art II

Pluralism and Diversity
PD/D
GER
3/A
Western art from World War II to approximately 1980.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25300 - Medieval Architecture

Pluralism and Diversity
PD/D
GER
3/A
Major styles and buildings in West from ancient world through Middle Ages; technical, cultural and aesthetic significance.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25400 - Architecture: Renaissance to Neo-Classical

Pluralism and Diversity
PD/D
GER
3/A
Architecture in West from Renaissance through the 19th century; baroque, rococo and neoclassical styles.

```
ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education
requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61-
credit BFA program. It may not be credited toward art history major requirements.
prereq: ARTH 11100
3 hrs
cr.
```


## ARTH 25500 - Modern Architecture I (1850-1950)

Pluralism and Diversity
PD/D
GER
3/A

Survey of western architecture from 1850 to 1950 , emphasizing the wide range of theoretical, formal, and technological aspects of architectural practice during this period.
prereq: ARTH 11100
3 hrs
3 cr.

## ARTH 31100 - Special Topics Lecture in Ancient Art (W)

```
Pluralism and Diversity
P/D D
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ARTH 11100, and two 200-level art history courses
3 hrs
3 cr .

## ARTH 32100 - Special Topics Lecture in Medieval Art (W)

## Pluralism and Diversity

P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 33100 - Special Topics Lecture in Renaissance Art (W)

Pluralism and Diversity
P/D D
GER

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 34100 - Special Topics Lecture in Baroque Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 41000 - Advanced Studies Seminar in Ancient Art (W)

Pluralism and Diversity
P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 42000 - Advanced Studies Seminar in Medieval Art

## Pluralism and Diversity

P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 300 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 43000 - Advanced Studies Seminar in Renaissance Art (W)

```
Pluralism and Diversity
P/D D
Upper-level seminar; check Department website each semester for the announcement of upcoming course titles
indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
```

3 hrs
3 cr.

## ARTH 44000 - Advanced Studies Seminar in Baroque Art (W)

```
Pluralism and Diversity
P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of
upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3cr.
```


## Biological Sciences

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

## BIOL 10200 (STEM) - Principles of Biology II

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{C}$ or D<br>GER<br>2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 16000 - Honors Principles of Biology II

```
Pluralism and Diversity
PD/C or D
GER
2/E
```

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.
Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.
prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
not offered 2014-15

## Classical and Oriental Studies

## Classics Division

## CLA 10100 - Classical Mythology

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr .

## CLA 20100-Greek Civilization (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 20200 - Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000, CLA 20100 or 20400
3 hrs
3 cr .

## CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
$3 c r$.
CLA 22000 - Aegean Archaeology (W)
Pluralism and Diversity
PD/D
GER
3/A
Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A
Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .

CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D

GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr.
fall only

## CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

## CLA 25100 - Ancient Comedy (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 25300 - Homer and Vergil (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

## CLA 25400 - The Ancient Novel in Translation (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale. prereq: ENGL 22000 or perm instr.
3 hrs
3cr.
```


## CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr.

## CLA 30400 - Pagans and Christians (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.
```

CLA 30500 - Women and Slaves in Classical Antiquity (W)
Pluralism and Diversity
PD/C or D
GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class. cross-listed WGSC 30500 (W)
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

Pluralism and Diversity
PD/D
Examination of specific areas of Roman life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3 cr .
CLA 31000 - Ancient Sports and Spectacles (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.
Hebrew Division

## HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr.

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER

Study of major works in Yiddish literature from Mendele Mocher Seforim to present. prereq: ENGL 22000
3 hrs
3 cr
HEBR 31000 - Modern Hebrew Literature I

```
Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of selected works in prose and poetry of 19th-century authors. prereq: HEBR 20200 or equiv. or exemption
3 hrs
3cr
```

HEBR 32200 - Medieval Literature
Pluralism and Diversity
PD/D
GER
3/A
Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period
Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour. prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman. prereq: HEBR 20200 or equiv.

3 hrs
3 cr

## HEBR 45100 - Selected Studies in Hebrew Literature

Pluralism and Diversity
PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3 cr

## Russian Division

## RUSS 15500 - The Culture of Old Russia

## Pluralism and Diversity

PD/D
GER
2/C
Religion, art, architecture and daily life in medieval Russia.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15700 - The Age of the Great Masters

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th
centuries.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25000-19th Century Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I\&S) Social Sciences
Pluralism and Diversity
PD/D
GER

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
$3 c r$.

## RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25200 - Modern Russian Literature in English Translation (W)

```
Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
3cr.
```


## RUSS 25300 - Russian Theater in English Translation (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25500 - Russian Folklore, in Translation (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation

Pluralism and Diversity<br>PD/D<br>Examples: the Russian cinema, Nabokov.<br>prereq: ENGL 12000<br>3 hrs<br>3 cr .

## RUSS 27100 - East European Cinema (W)


#### Abstract

Pluralism and Diversity PD/D The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the films and discuss how various aesthetic and ideological approaches to filmmaking inform the cinema practice over time. The course will combine screening of East European films and class discussion of issues raised in these films. All students are expected to complete the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on the course blackboard after the film screenings. Informed class participation is strongly encouraged and will positively affect your final term grade.


prereq: ENGL 12000. The exams in this course consist of essay writing.
3 hrs .
3 cr .

## RUSS 29400 - Folklore and Literature (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A
```

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes. prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 32100-Russian Short Story and Novella

```
Pluralism and Diversity
PD/D
GER
3/A
Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
```


## RUSS 32200-Classical Russian Poetry

## Pluralism and Diversity

PD/D
GER
3/A
Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 32300 - Modern Russian Poetry

## Pluralism and Diversity

PD/D
GER
3/A

Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34100 - Tolstoy and Dostoevsky

Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34200 - Modern Russian Literature

Pluralism and Diversity
PD/D
GER
3/A
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34300 - Russian Theater

Pluralism and Diversity
PD/D
GER
3/A

Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34400 - The Silver Age of Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
Polish

## POL 25000 - Topics in Polish Literature

Pluralism and Diversity
PD/D
Example: the 19th century Polish novel.
3 hrs
3 cr.

## Dance

## DAN 23200-20th-Century Dance History

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
3 cr .

## Economics

## ECO 35000 - Comparative Economic Systems

## Pluralism and Diversity

PD/D
GER
3/B
Comparative analysis of market and planned economies in theory and practice. Process and problems of transitions between planned and market economies.
prereq: ECO 20000, 20100
3 hrs
3 cr .

## English

## ENGL 25000 - Topics in Literature

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{A}$ or B or C or D<br>GER<br>2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 25400 - Survey of British Literature II: the Eighteenth Century to the Present

Pluralism and Diversity
P/D D
GER
3/A

Chronologically arranged readings in British literature from the 18th to the 20th century.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 30300 - Western Literary Backgrounds of British and American Literature

```
Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman
epic, and exploration of their influence on works from other periods
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 33500 - Chaucer

Pluralism and Diversity
PD/D
GER
3/A
Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36000 - The 17th Century

Pluralism and Diversity
PD/D
GER
3/A
A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity
PD/D
GER
3/A
A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36400 - The Age of Satire

## Pluralism and Diversity

PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden,

Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36500 - The Later 18th Century

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36800 - The 18th Century English Novel

```
Pluralism and Diversity
PD/D
GER
3/A
A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr .
```


## ENGL 36900 - The 19th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A
Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37200-Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37300 - Victorian Literature (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include. Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37400-20th and 21st Century British and Irish Poetry

Pluralism and Diversity
PD/D
GER
3/A
Study of various poetries and poetry movements emergent in the $20^{\text {th }}$ and $21^{\text {st }}$ centuries in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37600-20th and 21st Century British and Irish Fiction

Pluralism and Diversity
PD/D
GER
3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37800-20th and 21st Century British and Irish Drama

Pluralism and Diversity
PD/D
GER
3/A

Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38000 - Irish Literary Renaissance

Pluralism and Diversity
PD/D
GER
3/A

Study of Irish writers of the early 20th century in relation to their cultural, social, and historical contexts. Authors may include Joyce, O'Casey, Synge and Yeats.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A
Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39000 - Topics in 20th Century Literature (W)

GER
3/A
Selected works from the 20th century originally written in English will be studied in relation to a special theme,
technique, theoretical issue, or cultural consideration. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.

## Film and Media Studies

## FILM 10100 - Introduction to Cinema

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr

FILM 21100 - Film History I: 1895-1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
3 cr .
FILM 21200 - Film History II: Since 1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21305 - National Cinema: Italian Cinema

```
Pluralism and Diversity
PD/D
GER
3/A
prereq: FILM 10100
4 hrs
3cr.
```


## FILM 21351 - National Cinema: French New Wave

Pluralism and Diversity
PD/D
GER
3/A
prereq: FILM 10100
4 hrs
3 cr .

## FILM 23200 - Experimental Film and Video

Pluralism and Diversity
PD/D
GER
3/A
Historical examination of pertinent films and videos with particular emphasis on current American productions. prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
3 cr .

## FILM 32200-Contemporary Film Theory

Pluralism and Diversity
PD/D
GER
3/A

Survey of current film theory and criticism, including developments in film semiotics, psychoanalytic film theory, feminist film theory, narrative theory, historiography and reception theory.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000 - and 40000 -level courses in FILM.

4 hrs
$3 c r$.

## Geography

## GEOG 15000 - World Regional Geography

```
Pluralism and Diversity
PD/A or D
GER
2/B
```

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## German

## GERMN 24000 - German Thought and Culture: A Survey (W)

## Pluralism and Diversity

PD/D
GER
2/C
Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core<br>Creative Expression<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairystory traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs

3 cr.
*No "W" designation when offered in Winter Session

## GERMN 32000-Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 32100 - Individual and Society in Modern German Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

The central conflict between individual liberty and societal constraints as reflected in short stories,novellas and plays by 20th century authors such as Kafka, Brecht. Böll and Frisch.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
GERMN 32200 - German Civilization

Pluralism and Diversity
PD/D
GER
3/A
Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
$3 c r$.

## GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 32800 - German Children's and Adolescent Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
$3 c r$.

## GERMN 33400 - The German Short Story and Novelle

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 33500 - German Radio Plays: Hoerspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
GERMN 33600 - German Lyric Poetry
Pluralism and Diversity
PD/D
GER
3/A
Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 33900 - German Drama from Naturalism to Present

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 34100 - German Drama from Age of Goethe to Naturalism

```
Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3cr.
```

GERMN 34200 - The German Novel

Pluralism and Diversity
PD/D
GER
3/A
Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
GERMN 34300-German Literature from Its Origins to the Age of Goethe

Pluralism and Diversity
PD/D

GERMN 34400 - Readings in Classical Period of German Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of selected works by Lessing, Goethe and Schiller.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 34500 - Literature of Weimar Republic

```
Pluralism and Diversity
PD/D
GER
3/A
Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3cr.
```

GERMN 34600-German Literature of the 1930s and 1940s

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written between the time of the Weimar Republic and 1945.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German
Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
GERMN 35000 - Austrian Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.
```


## GERMN 35300-Goethe's Faust

Pluralism and Diversity
PD/D
GER
3/A

Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER
3/A

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr .

GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr .

History

HIST 12100 - Early Modern Europe 1500 to 1815

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B
```

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.

HIST 12200-19th and 20th Century Europe (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 21100-Medieval Civilization (W)

```
Pluralism and Diversity
PD/D
Social, institutional and cultural history of Western Europe from the late Roman period to the Black Death in the mid-
14th century.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 120
3 hrs
cr.
```


## HIST 24200 - The Holocaust: An Introduction

Pluralism and Diversity
PD/D
The attempt to exterminate the Jewish people by the Nazis.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 30200-Greek History

Pluralism and Diversity
PD/D
GER

From the Bronze Age ca. 3000 BCE to the Roman conquest. Emphasis on cultural and political contributions of ancient Greece.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.

## HIST 30300 - Roman History

Pluralism and Diversity
PD/D
GER
3/B

From Iron Age to Justinian; rise and fall of Rome's power and her political and cultural achievements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 30500 - The Age of the Crusades

Pluralism and Diversity
PD/D
GER
3/B
The expansion of western Europe from 800 to 1492 in eastern Europe, the Mediterranean, Asia and Africa, giving particular attention to the Reconquista in Spain and the crusades in the Middle East.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.
HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

HIST 31100 - Europe in the Early Middle Ages

Pluralism and Diversity
PD/D
GER
3/B

The development of European civilization from the fall of the Western Roman Empire to the First crusade.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31400 - Ancient and Medieval Christianity (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 31700 - History of the American City

Pluralism and Diversity
PD/D
GER
3/B
History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 31800 - History of the American Working Class (W)

Pluralism and Diversity
PD/D
GER
3/B

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 32400 - Europe in the Age of Renaissance and Reformation (W)

Pluralism and Diversity
PD/D
GER
3/B

European life and society in early modern era. Religious, political, economic and social change.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 32900 - History of European Diplomacy

Pluralism and Diversity
PD/D
GER
3/B

From the Congress of Vienna and national unification movements through the era of total wars and cold war.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 33000 - Social and Economic History of Modern Europe

Pluralism and Diversity
PD/D
GER
3/B
Social and economic developments in Europe during the past 200 years.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 33600 - History of 20th-Century Germany (W)

## Pluralism and Diversity

PD/D
An introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the
First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War.

The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past. This course is an introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.
prereq: ENGL 12000; Not offered to freshmen.
3 hrs
3 cr .

## HIST 33800 - History of Italy (W)

Pluralism and Diversity
PD/D
GER
3/B
Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
HIST 34251 - Britain Since 1689

Pluralism and Diversity
PD/D
GER
3/B

British history since the Glorious Revolution.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 35700 - American-Jewish History (W)

Pluralism and Diversity
PD/D
GER
3/B

Development of the American Jewish community; economic, political and social integration; cultural adaptation.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 35800-20th Century United States (W)

Pluralism and Diversity
PD/D

GER
3/B

Leading personalities and domestic problems of the U.S. Since 1900.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 35900 - Immigration and Ethnicity in the United States

## Pluralism and Diversity

PD/D
GER
3/B

Experience of immigrant groups since Colonial times; motives for coming; economic and social adjustment; encounter with prejudice; ethnic institutions.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36100 - America and the World in the 20th Century

Pluralism and Diversity
PD/D
GER
3/B
The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.
Courses at the 300-level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .

## HIST 36300 - American Cultural History

Pluralism and Diversity
PD/D
GER
3/B

An exploration of several significant themes in American cultural history from the late nineteenth through the late twentieth centuries. Through close readings of selected primary and secondary works (both written and visual) we will consider the meanings of popular, proto-mass, and mass culture as well as the nature of different levels of cultural tastes and styles in modern American history. Reflecting on the broader social and political context of these developments we will study a range of topics, including the myth of the self-made man, the role of the frontier and the cowboy, and critiques of mass consumer culture. Central to our historical examination of American culture will be an effort to appraise and describe: how American writers, artists, orators, cultural critics and everyday people constructed narratives (written, spoken, musical, visual) of identity for themselves along ethnic, racial, gendered, class-based and
national lines; how the construction of those narratives were related to each other; and, how those narratives changed over time depending on specific political and social contexts.

Not open to students who took HIST 34174, the experimental version of this course.
3 hrs
3 cr .
HIST 36400 - American Constitutional History, 1783 to 1900
Pluralism and Diversity
PD/D
GER
3/B

Development of constitutional thought from the framing of the Articles of Confederation to 1900 . Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36600 - Role of Women in American History

Pluralism and Diversity
PD/D
GER
3/B

Women in all aspects of the country's past; drive to suffrage and its aftermath.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 36700-Civil War and Reconstruction

Pluralism and Diversity
PD/D
GER
3/B

Slavery, sectional conflict, political crisis of Union. New interpretations of postwar race relations.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 37400-Russia to the 20th Century

Pluralism and Diversity
PD/D
GER
3/B

Political, socioeconomic and cultural development of Russia from its Kievan origins to the crisis of monarchy. Courses at the 300 -level and above not offered to freshmen.

3 hrs
3 cr .

## HIST 37500 - Late Imperial Russia and the Soviet Union

Pluralism and Diversity<br>PD/D<br>GER<br>3/B

Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
Human Rights

## HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.
prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.
3 hrs
3 cr.
fall and spring; summer when possible

## Music

## MUSHL 10100-A Thousand Years of Listening

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.

3 hrs
$3 c r$.

## MUSHL 20500 - Music History I

```
Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall
```


## MUSHL 20600 - Music History II (W)

```
Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600
to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3cr.
offered spring
```


## MUSHL 21000 - Music for the Piano (W)

Pluralism and Diversity
GER 3/A PD/D
Piano literature from the 18th century to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20000, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 21200 - Masterpieces of Opera (W)
Pluralism and Diversity
PD/D
GER
3/A
Study of operatic styles of such composers as Mozart, Verdi, and Wagner.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 30500 - Music History III (W)

```
Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall
```


## MUSHL 30600 - Music History IV (W)

## Pluralism and Diversity <br> PD/D

Central issues in the history of European music, such as the role of patronage in musical culture, relationships of musical style to instruments and performing ensembles, and the impact of historical consciousness on contemporary musical life.
prereq: MUSHL 30500
3 hrs
3 cr .
offered spring

## Philosophy

## PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

## PHILO 20100 - Knowledge and Reality (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief,
existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.
```

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21400-Medieval Philosophy (W)
Pluralism and Diversity
PD/D
GER
3/A

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21800 - Revolutions in Modern Philosophy (W)

## Pluralism and Diversity

PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.

## PHILO 31900-Marxist and Critical Theory (W)

## Pluralism and Diversity

PD/D
GER
3/A

Study of $20^{\text {th }}$ century philosophers, such as Lucás , Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr .

## PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22800 - Existentialism (W)

Pluralism and Diversity
PD/D
GER
3/A
Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.
Political Science

## POLSC 20100 - Ancient to Early Modern Political Thought (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 20900 - Women and Gender in Western Political Thought (W)

```
Pluralism and Diversity
PD/C or D
GER
3/B
Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3cr.
```

POLSC 25400 - Government and Politics in Western Europe (W)
Pluralism and Diversity
PD/D
GER
3/B

Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26500 - Government and Politics in Eastern Europe (W)

Pluralism and Diversity
PD/D
GER
3/B

Political, social and economic institutions of individual Eastern Central European nations and their post-communist transitions.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

# POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W) 

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.
prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).
4 hrs
4 cr.

## POLSC 37800 - Russian National Interest: Past and Present (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

In a contemporary, historical and comparative context, this course will explore the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: POLSC 11500 or 11700 or 25000 or 27000 or perm instr.
coreq: ENGL 12000 or equivalent
3 hrs
3 cr .

## POLSC 38000 - European Security (W)

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/B

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the $21^{\text {st }}$ century.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
4 cr.

Psychology

## Religion

## REL 20400 - Religious Experience (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 20500 - Faith and Disbelief (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3cr.
```


## REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20700 - Religious Sources for Morality (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D

GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 20800 - Religion and Social Justice (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25300 - Abrahamic Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
```

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels. prereq: ENGL 12000
3 hrs
3 cr .

REL 25800 - Religions of Ancient Europe (W)

## Hunter Core

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
3 hrs
3 cr .

## REL 27000-Religion and Psychology (W)

```
Pluralism and Diversity
PD/D
GER
2/C
An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film. prereq: ENGL 12000
3 hrs
3 cr .
```

REL 30700-Religious Ideas in Modern Literature (W)

Pluralism and Diversity
PD/D
GER
3/A

Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr .
REL 30800-Religion and the Arts (W)

Pluralism and Diversity
PD/D
GER
3/A

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered. prereq: ENGL 12000
3 hrs
3 cr .
REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
3 cr .
REL 31000-The Religious Meanings of Death (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3cr.
```


## REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and nonWestern traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 31300 - Spirit and Nature (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.
prereq: ENGL 12000
3 hrs
3 cr .

REL 31500-The Problem of Evil (W)

Pluralism and Diversity
PD/D
GER
3/A

Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000
3 hrs
3 cr .

REL 31600 - Men and Religion (W)

Pluralism and Diversity
PD/C -or- PD/D

Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars-both male and female--have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32300 - Christianity (W)

## Pluralism and Diversity

PD/D
GER
3/A
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 33000-New Testament Religion (W)

## Pluralism and Diversity

PD/D
GER
3/A
Scholarly consideration of religion of New Testament: the mystery of Jesus Christ, Paul's message, ethics, relation to the Law of Judaism, salvation theology, apocalyptic thinking.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 33300 - Christian Theology (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
prereq: ENGL 12000
3 hrs
3 cr .

REL 33400 - Mysticism (W)

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 33500 - Myth and Ritual (W)

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis. prereq: ENGL 12000
3 hrs
3 cr .

## REL 39000 - Modern Theories of Religion (W)

## Pluralism and Diversity

PD/D
GER
3/A
An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
prereq: ENGL 12000, REL 11100
3 hrs
3 cr .

## Romance Languages

## French

## FREN 24100 - Early French Civilization: From Gothic to Revolution

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Conducted in English; readings in English.

3 hrs
3 cr .

FREN 24200 - Modern French Civilization: From Revolution to Present

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr.
FREN 25100 - French Literature and the Arts

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr .

FREN 25300 - Modern French Theatre: Theory and Practice

```
Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3 cr .
```

FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
3 cr .

Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.
3 hrs
3 cr .

## FREN 26000 - French Novel in Translation (1600-1900)

```
Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other
literary genres.
3 hrs
3cr.
```

FREN 26100 - Modern French Novel in Translation (1900-Present)
Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr .

## FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr .

## FREN 27500 - Introduction to French Literature

Pluralism and Diversity
PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.
prereq: FREN 20200 or four yrs high school French
3 hrs
$3 c r$.

## FREN 33500 - French Culture I

Pluralism and Diversity
PD/D

Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French. prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

## FREN 33600 - French Culture II

```
Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3cr.
```

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

```
Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3cr.
```

FREN 34300 - Medieval and Renaissance French Literature

```
Pluralism and Diversity
PD/D
GER
3/A
From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.
```

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr.

## FREN 34400-17th Century French Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).
```

FREN 34600-18th Century French Literature
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .

## FREN 34900-19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de 1sle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35000 - 20th Century French Literature (1900-1950)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
$3 c r$.
FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36000 - French Literature: Special Topics
Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr .

## FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

## FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

## FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
$3 c r$.

FREN 36600 - French Cinema: Special Topics

```
Pluralism and Diversity
PD/D
GER
3/A
Topics to be offered may concern historical, thematic, or aesthetic issues in French-language cinema prereq: FREN 34100 and FREN 34200 or equivalent
4 hrs
3 cr .
```


## FREN 37500 - Seminar in French Literary History

```
Pluralism and Diversity
PD/D
GER
3/A
```

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr .
FREN 49100 - Honors Course in French

```
Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3cr.
```

Italian
ITAL 26000 - Modern Italian Short Story (W)

```
Pluralism and Diversity
PD/D
GER
2/C
```

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ENGL 120 or equiv.
3 hrs
3 cr .

## ITAL 27600 - Dante's Divine Comedy in English (W)

Pluralism and Diversity
PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

## ITAL 28000 - The Italian Renaissance: An Introduction

## Hunter Core

Individual and Society
Pluralism and Diversity
PD/D
GER
2/C
In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

## ITAL 33400 - Italian Civilization in the Baroque, in English

## Pluralism and Diversity

PD/D
GER
2/C

An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation
3 hrs
3 cr.

## ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present

## Pluralism and Diversity

GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr .

## ITAL 34300 - Dante's Vita Nuova and Inferno

## Pluralism and Diversity

PD/D
GER
3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100

3 hrs
3 cr .

## ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso

```
Pluralism and Diversity
PD/D
GER
3/A
```

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .
ITAL 34500 - Dante's Paradiso and Major Prose Works

```
Pluralism and Diversity
PD/D
GER
3/A
```

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .

## ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism

```
Pluralism and Diversity
PD/D
GER
3/A
Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .
```


## ITAL 34700-16th Century Italian Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

## ITAL 34800-17th and 18th Century Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

## ITAL 34900 - The Modern Italian Lyric

Pluralism and Diversity
PD/D
GER
3/A

From Leopardi to contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr.

## ITAL 35000 - The Modern Italian Novel

## Pluralism and Diversity

PD/D
GER
3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
$3 c r$.
Spanish
SPAN 24100 - Civilization of Spain, in English

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/D
An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.
prereq: ENGL 12000
3 hrs
cr.
```


## SPAN 26400 - Contemporary Spanish Literature in Translation

## Cela, Lorca, Unamuno, Ortega y Gasset.

Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
3 cr .

## SPAN 26500 - Don Quixote (in English translation) (W)

Pluralism and Diversity
PD/D
GER
3/A

Commentary and analysis of Cervantes' novel in its entirety, read in English translation. Examination of its main themes within the sociohistorical and literary contexts, as well as its essential role in the development of the modern novel.
Writing Intensive
prereq: ENGL 12000
3 hours
3 credits

## SPAN 27500 - Readings in Modern Spanish Literature

Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela. prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm 3 hrs
3 cr .

## SPAN 33500 - Spanish Civilization

Pluralism and Diversity
PD/D
GER
3/A

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

## SPAN 34100 - Introduction to Hispanic Literature I

```
Pluralism and Diversity
PD/D
GER
3/A
```

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
$3 c r$.

## SPAN 34200 - Introduction to Hispanic Literature II

```
Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3cr.
```


## SPAN 34300 - Spanish Literature of the Middle Ages

Pluralism and Diversity
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 34500 - Spanish Drama of the Golden Age

## Pluralism and Diversity

PD/D
GER
3/A
Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 34600 - Cervantes

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 35000 - Spanish Poetry of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100

3 hrs
3 cr .

## SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 35700 - Early 20th Century Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A
Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
prereq: SPAN 34100
3 hrs
$3 c r$.
SPAN 35800 - Post-Civil War Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A
Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
$3 c r$.

## SPAN 37000 - Special Topics in Spanish Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

## SPAN 37500 - Seminar in Spanish Literary History

Pluralism and Diversity
PD/D
GER
3/A

Recommended for seniors. Readings, discussion and reports.
prereq: SPAN 34100, 34200
3 hrs
3 cr .
SPAN 49500 - Independent Study in Hispanic Literature

Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.

## Sociology

## SOC 22100-Classical Sociological Theory

Pluralism and Diversity
PD/D
GER
3/B

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr .
Theatre

THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

## THEA 21300 - World Theatre III (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

## THEA 32100 - Play Analysis (W)

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .

## THEA 32200 - Theatre Theory and Criticism (W)

Pluralism and Diversity
PD/D
GER
3/A

Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting. prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .
THEA 33100 - Avant-Garde Theatre of the 20th Century (W)

Pluralism and Diversity
PD/D
GER
3/A

Departures from realism Expressionism, Artaud, Brecht, Grotowski from Alfred Jarry to the present.
prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

## THEA 33200 - Theatre of Realism and Naturalism

```
Pluralism and Diversity
PD/D
GER
3/A
Plays, theory, and stagecraft of realism and naturalism movements from the late 19th century to the present. prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .
```


## THEA 33300 - Alternative Performance

```
Pluralism and Diversity
PD/D
GER
3/A
Study of performance styles and practices using theatre and/or film in non-traditional modes.
prereq: THEA 21300 or THEA 32300
3 hrs
cr.
```


## THEA 36200 - Acting: Period Drama

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A <br> Advanced scene study from classical plays of the Elizabethan, French Neo-Classic, Restoration and ancient Greek periods.

prereq: THEA 21100 or 21200 or 21300; THEA 26200, 26300 or perm instr.
coreq: THEA 36300
4 hrs
3 cr .
Thomas Hunter Honors Program

## HONS 20100 - Sophomore Honors Colloquium (W)

```
Pluralism and Diversity
PD/D
Sample topics: Integrating the Irrational; Dante's World; Language, Learning, and Computation; Law and Literature;
The Gothic; Ethics in Public Health. May be taken more than once with different topics. Some topics may meet a PD
requirement; check with adviser.
prereq: perm dept.
3 hrs
3cr.
```

HONS 30100 - Upper-Level Honors Colloquium (W)

Pluralism and Diversity
PD/D
Sample topics: Behavior and Evolution; Greek Myth in the Arts; Energy and Environment; Politics of Southern Africa. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
prereq: perm dept.
3 hrs
3 cr .

Women and Gender Studies

WGST 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

The history of political thought from the perspective of gender relations and the treatment of women. cross-listed POLSC 20900
prereq: ENGL 12000 or equiv.
3 hrs
3 cr .

WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
3 cr .
List of Courses for the Hunter Focus in Foreign Language

## Africana and Puerto Rican/Latino Studies

## Swahili

## SWA 10100 - Swahili I

Introduction to Swahili, pronunciation and elements of grammar.
SWA 101 is usually not credited without completing SWA 102. For details about credit policy, please see Appendix
II: Foreign Language Requirement.
3 hrs
3 cr.

## SWA 10200 - Swahili II

Introduction to Swahili, pronunciation and elements of grammar.
Each credit for SWA 10100 is not given until SWA 10200 completed
3 hrs
3 cr .

SWA 20100 - Swahili III

Grammar review, composition oral practice.
prereq: SWA 10200 or demonstrated competence in speaking and writing
3 hrs
3 cr .

## SWA 20200-Swahili IV

Review of morphology and syntax original composition, intensive oral practice.
prereq: SWA 20100 or demonstrated competence as a native speaker
3 hrs
3 cr.

## Yoruba

## YOR 10100 - Yoruba I

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria.
Each credit for YOR 10100 is not given until YOR 10200 is completed
3 hrs
3 cr. each

## YOR 10200 - Yoruba II

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria.
Each credit for YOR 10100 is not given until YOR 10200 is completed

3 hrs
3 cr. each

## YOR 20100 - Yoruba III

Writing and reading of Yoruba language, including study of grammar and syntax.
prereq: YOR 10200 or demonstrated competence in speaking and writing
3 hrs
3 cr .

## YOR 20200 - Yoruba IV

Intensive writing and reading of Yoruba language and continuation of study of grammar and syntax.
prereq: YOR 20100 or demonstrated competence as a native speaker
3 hrs
3 cr .

## Classical and Oriental Studies

## Arabic

## ARB 10100-Beginning Arabic I

## Hunter Core

World Culture and Global Issues (WCGI)
The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr.

## ARB 10200-Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.
prereq: ARB 10100 or permission of Head of Arabic Program.

3 hrs
3 cr .

## ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.
prereq: ARB 10200 or equiv.
3 hrs
3 cr .

## ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
3 cr.

## ARB 14800-Beginning Arabic for Heritage Speakers

## Hunter Core

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head
3 hrs
3 cr .

## ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800 . It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr .

## Chinese

## CHIN 10100 - Elementary Chinese I

## Hunter Core

World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign
Language Requirement.
3 hrs

```
3cr.
offered fall
```


## CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

## CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabularybuilding.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr .
offered fall

## CHIN 20200 - Intermediate Chinese II

```
Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr .
offered spring
```


## CHIN 10700 - Intensive Elementary Chinese

Equivalent to material covered in CHIN 10100 and CHIN 10200.

6 hrs
6 cr .

CHIN 20700 - Intensive Intermediate Chinese

Equivalent to material covered in CHIN 20100 and CHIN 20200 .
prereq: CHIN 10200 or 10700
6 hrs
6 cr .

## Greek

## GRK 10100 - Beginning Greek

## Hunter Core

World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement.

```
3 hrs
cr.
offered fall
GRK 10200 - Beginning Greek
3 hrs
3 cr.
offered spring
```


## GRK 11000 - Greek Reading

prereq: GRK 10200 or equiv.
3 hrs
3 cr .
offered fall
GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
3 cr.

## GRK 20300 - Homer

prereq: GRK 11000 or equiv.
3 hrs
3 cr .

## Hebrew

## HEBR 10100 - Elementary Hebrew I

## Hunter Core

World Culture and Global Issues (WCGI)
Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 101 not credited without HEBR 102.
HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## HEBR 10200 - Elementary Hebrew II

```
Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
cr.
```

HEBR 10300 - Intensive Elementary Hebrew

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
6 hrs
6 cr .

## HEBR 20100 - Intermediate Hebrew I

Continued practice in conversational Hebrew, grammar and composition.
prereq: HEBR 10200 or equiv.
3 hrs
3 cr .

## HEBR 20200 - Intermediate Hebrew II

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.
prereq: $H E B R 20100$ or equiv.
3 hrs
3 cr .

## HEBR 10500 - Elementary Biblical Hebrew I

## Hunter Core

World Culture and Global Issues (WCGI)
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.
Not credited without HEBR 10600
3 hours
3 credits

## HEBR 10600 - Elementary Biblical Hebrew II

The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.
3 hours
3 credits

## HEBR 20500 - Intermediate Biblical Hebrew I

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses. prereq: Biblical Hebrew 10600 or equivalent.
3 hours
3 credits

## HEBR 20600 - Intermediate Biblical Hebrew II

```
This is the 4th semester of the 4-semester Biblical Hebrew series.
prereq: HEBR 20500 or equivalent.
3 hours
3 credits
```

Japanese

## JPN 10100 - Elementary Japanese I

## Hunter Core

World Culture and Global Issues (WCGI)
Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation.
JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr .

JPN 10200 - Elementary Japanese II

Continuation of 10100.
prereq: JPN 10100 or equiv.
3 hrs
3 cr .

## JPN 20100 - Intermediate Japanese I

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.

```
prereq: JPN 10200 or equiv.
```

3 hrs
$3 c r$.

## JPN 20200 - Intermediate Japanese II

```
Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
3cr.
```

Latin

## LAT 10100 - Beginning Latin

## Hunter Core

World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs .
3 cr.
offered fall

## LAT 10200 - Beginning Latin

```
3 hrs.
3cr.
offered spring
LAT 10700-Beginning Latin, Intensive
```

6 hrs
6 cr.
usually offered spring and summer

## LAT 11000 - Latin Reading

prereq: LAT 10200 or equiv.
3 hrs
3 cr .
offered fall
LAT 20100-Ovid's Metamorphoses
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

## LAT 20200 - Roman Biography

prereq: LAT 11000 or equiv.
3 hrs
3 cr .

LAT 20300 - Vergil's Aeneid
prereq: LAT 11000 or equiv.
3 hrs
3 cr .

## LAT 20400 - Cicero's De Senectute

prereq: LAT 11000 or equiv.
3 hrs
3 cr .

## Polish

## POL 10100 - Elementary Polish

POL 10100 usually not credited without POL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 6 hrs
6 cr .

## POL 10200 - Elementary Polish

2 sems, 6 hrs
6 cr .
POL 20100 - Intermediate Polish I
prereq: POL 10200
3 hrs
3 cr .

## POL 20200 - Intermediate Polish II

prereq: POL 20100
3 hrs
3 cr .

## Russian

## RUSS 10100 - Elementary Russian

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement. 2 sems, 3 hrs<br>3 cr. each sem.

## RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.

## RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr .

## RUSS 20100 - Intermediate Russian I

```
Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3cr.
```


## RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr .

## RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
6 cr .

## German

## GERMN 10100 - Elementary German I

## Hunter Core

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr .

## GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr .

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .
GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
$3 c r$.

## GERMN 20300 - Intensive Intermediate German

```
Covers material of GRMN 201 and 202 in one semester. prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .
```


## Romance Languages

## French

## FREN 10100 - Elementary French I

## Hunter Core

World Culture and Global Issues (WCGI)
Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
3 cr .

## FREN 10200 - Elementary French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

## FREN 10300 - Intensive Elementary French

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
6 hrs
6 cr .

## FREN 20100 - Intermediate French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr.

## FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.

## FREN 20300 - Intensive Intermediate French

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .

## FREN 20800 - French for Francophones

An intermediate-level language course designed for French speakers who have acquired the language in the family, local Francophone communities or abroad. Emphasizes the development of oral and written skills to the advanced level through interviews, readings and writing assignments. Spelling and grammar are also highlighted.
prereq: intermediate-level ability as determined by dept. exam or interview; perm dept.
3 hrs
3 cr .

## Italian

## ITAL 10100 - Elementary Italian I

## Hunter Core

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

## ITAL 10200 - Elementary Italian II

```
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
cr.
```


## ITAL 10300 - Intensive Elementary Italian

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
6 cr.

## ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr .

## ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr .

## ITAL 20300 - Intensive Intermediate Italian

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300
6 hrs
6 cr .

## Spanish

## SPAN 10100 - Elementary Spanish I

## Hunter Core

World Culture and Global Issues (WCGI)

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr.
SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr .

SPAN 10300 - Intensive Elementary Spanish

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr.

## SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish

## Hunter Core

World Culture and Global Issues (WCGI)
Spanish for native speakers.
3 hrs
3 cr .
SPAN 10600-Oral and Written Skills for Native Speakers of Spanish

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.
3 hrs
$3 c r$.

## SPAN 20100 - Intermediate Spanish I

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr .

## SPAN 20200 - Intermediate Spanish II

```
Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3cr.
```


## SPAN 20300 - Intensive Intermediate Spanish

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr .

SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr .
SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr .

## Portuguese

## PORT 10100 - Elementary Portuguese I

## Hunter Core

WC
Elementary Portuguese. Language Lab
PORT 10100 not usually credited without PORT 10200
3 hrs
3 cr .

## PORT 10200 - Elementary Portuguese II

Elementary Portuguese II language lab
PORT I0200 not credited without PORT 10100
3 hrs
3 cr .
PORT 20100 - Intermediate Portuguese I

```
Intermediate Portuguese I
prereq: PORT 10200 or two years of high school Portuguese
3
3cr.
```

PORT 20200 - Intermediate Portuguese II

Intermediate Portuguese II

# List of Selected Approved Courses for the Minor in Middle East Studies 

(subject to Modification)

## Area I: Historical Formations

Anthropology
ANTHC 22800 - Archaeology of the Near East to 2000 BC

```
Pluralism and Diversity
PD/A
GER
3/B
```

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
Classics

CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr.

CLA 22700 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32200 - Archaeology of Mesopotamia and Iran (W)

## Pluralism and Diversity

PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

## CLA 32300 - Archaeology of Anatolia (W)

## Pluralism and Diversity

PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## Hebrew

## HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C
Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr
History
HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800

```
Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the
Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
cr.
```


## HIST 27651 - The Modern Middle East from 1800 to the Present

```
Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
```


## HIST 37300 - History of the Ottoman Empire (W)

## Pluralism and Diversity

PD/A
GER
3/B
This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the $12^{\text {th }}$-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.
prereq: ENGL 12000
3 hrs
3 cr .
Area II: Society and Politics

## Anthropology

## ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
3 hrs
3 cr .
ANTHC 401.78 Ethnology of the Middle East
ANTHC 400 Ethnographies of the Middle East

## Hebrew

## HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr
Political Science

## POLSC 26300 - Government and Politics in the Middle East (W)

Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26400 - Government and Politics of Israel (W)

GER
3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## Religion

## REL 25200 - Ancient Near Eastern Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old
Testament).
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25300 - Abrahamic Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
```

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr .
REL 32200 - Islam (W)
Pluralism and Diversity
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .
REL 32400 - Islam and Buddhism (W)
Pluralism and Diversity
PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 33700 - Sufism (W)

```
Pluralism and Diversity
PD/A
GER
3/A
```

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
$3 c r$.

## Sociology

## SOC 36200-Sociology of Islam (W)

## GER

3/B
Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
$3 c r$.

## Area III: Arts, Literatures and Cultures

## Arabic

## ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule. prereq: ENGL 12000 or equivalent
3 hrs .
3 cr .

## ARB 25000 - The Arab Novel (in translation) (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

## ARB 25100-Arab Cinema (in translation)

## Hunter Core <br> Creative Expression (CE) <br> Pluralism and Diversity <br> PD/A <br> GER <br> 2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25200 - Literatures from the Islamic World (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7 th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25300 - Literatures and Cultures of Muslim Spain (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25400 - The Arabian Nights East and West (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

## ARB 25500 - Modern Palestinian Culture

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> Pluralism and Diversity <br> PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

## ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051,
GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.
3 hours
3 credits

## Art History

## ARTH 20500 - Egyptian Art

## Pluralism and Diversity

PD/A
GER
3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.
prereq: ARTH 11100
prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.
3 hrs
3 cr .

## ARTH 26000 - Islamic Art and Architecture

```
Pluralism and Diversity
PD/A
GER
3/A
```

Introduction to the art and architecture of Islamic lands (7th to 19th century).
prereq: ARTH 11100
3 hrs
3 cr .
Hebrew (partial listing)

## HEBR 21000 - Selected Studies in Hebrew Literature in Translation

Pluralism and Diversity<br>PD/C (HEBR 21060 only)<br>Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.<br>3 hrs<br>3 cr .

## HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

## HEBR 22100 - Modern Israeli Culture

## Hunter Core

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics,
music and education.
prereq: ENGL 12000
3 hours
3 credits

## HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr

## HEBR 31100 - Modern Hebrew Literature II

## GER

3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31500 - Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A
GER
3/A

Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 32000 - The Modern Hebrew Short Story

GER
3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends. prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

HEBR 32200 - Medieval Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32400 - The Modern Hebrew Essay
Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3cr
```

HEBR 32500 - History of Modern Hebrew Literature
GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels. prereq: HEBR 20200 or equiv.

3 hrs
$3 c r$

## HEBR 32800 - Contemporary Hebrew Prose

## GER

3/A

Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A. Applefeld and A. B. Yehoshua.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## Music

## MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
3 hrs
3 cr

## Other Courses

Students may petition for other courses to fulfill the elective requirement. No more than two classes from other campuses or universities may be used to fulfill MMES requirements.

## Section X: Course Descriptions

Numbering System Each course in the curriculum is defined by an alphabetical prefix and a 3-digit number. The 3digit number indicates the level of study: 100- and 200-level courses are lower division; 300- and 400-level courses are upper division; 500-, 600- and 700- level courses are graduate courses.

When a W is added to the end of the course number, this means that the course will satisfy the Writing Requirement. However, not all sections of courses with a W meet the writing requirement. Refer to the schedule of classes to see which sections of the course are designated as W .

000-level course designation Developmental courses for ESL students; placement determined by testing of entering students.

100-level course designation Courses with no prerequisites, survey courses or courses defining basic concepts and presenting the terminology of a discipline.

200-level course designation Courses of intermediate college-level difficulty, courses with 100-level course(s) as prerequisite(s) or survey courses devoted to particular areas or fields within a discipline.

300-level course designation Courses of advanced college-level difficulty taken by majors and upper-division students; these are often considered to be courses in the major, offered for students clearly interested in and qualified in the subject.

400-level course designation Advanced upper-division courses and/or seminars, tutorials and honors courses for majors and upperdivision students.

Alphabetical Prefixes The following prefixes are used, preceding the 3-digit number, to designate the field of study.
They are listed here alphabetically, with the department or program and field to which they pertain. Specific departments and programs appear alphabetically in the table of contents, the index and the HEGIS Code section.

## Africana and Puerto Rican/Latino Studies

## AFPRL 10000 - Introduction to Black Politics

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
General survey of politics of African world with major emphasis on politics in Black America.
3 hrs
3 cr
```


## AFPRL 10100 - Introduction to Africana Studies

```
Pluralism and Diversity
PD/A or B
GER
2/B
Introduction to the history and culture of Africa and the African diaspora.
3 hrs
cr.
```


## AFPRL 10200 - Latino Communities in the United States

```
Pluralism and Diversity
PD/B
GER
2/B
```

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr.

## AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr .
```


## AFPRL 14100 - Puerto Rican Folklore

Pluralism and Diversity
PD/A or B
GER
2/C

Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.
3 hrs
3 cr .

## AFPRL 14300 - The Image of the Puerto Rican National Identity in Its Literature

```
Pluralism and Diversity
PD/A
Analysis of literary works of Puerto Rican authors and their images of Puerto Rican society.
prereq: ENGL 12000 and reading knowledge of Spanish
3 hrs
cr.
offered fall only
```


## AFPRL 20100 - African History from Human Origins to 1600 CE

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr .

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
Main currents of African history from 1600 CE to present
3 hrs
3cr.
```


## AFPRL 20300 - African American History I

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr .

## AFPRL 20400 - African American History II

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr .

## AFPRL 20500 - African American Politics of Social Change

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
```

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr .

## AFPRL 20600 - African Political and Social Change

Pluralism and Diversity
PD/A
Introductory study of political and social change in Africa during the second half of the 20th century.

3 hrs
$3 c r$.

## AFPRL 20700 - African Caribbean Politics I

```
Pluralism and Diversity
PD/A
Examines political economy of slavery and colonialism and responses of Caribbean people from 1492 to political
independence.
3 hrs
3cr.
```


## AFPRL 20800 - African Caribbean Politics II

Pluralism and Diversity
PD/A
Begins with attainment of political independence by major Caribbean countries; focuses on nation building. prereq: AFPRL 20700
3 hrs
3 cr .

## AFPRL 20900 - Introduction to Caribbean History to 1900

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

```
Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B
Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3cr.
```

AFPRL 21100 - Black Economic History

Survey of economic behavior of Black Americans since 1619, with African background.
3 hrs
3 cr .

## AFPRL 22000 - African Spirituality in the Diaspora

```
Pluralism and Diversity
PD/A or B
GER
2/C
```

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3 cr .

## AFPRL 22200 - African Civilization

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Introduction to study of African civilization.
3 hrs
3cr.
```


## AFPRL 23500 - African Literature (W)

```
Pluralism and Diversity
PD/A
GER
2/A
```

Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 23600 - African American Literature (W)

Pluralism and Diversity
PD/B
GER
2/A

Introduction to African American writing, from earliest expressions to present.
prereq: ENGL 12000

3 hrs
3 cr .

## AFPRL 23700 - African Caribbean Literature (W)

```
Pluralism and Diversity
PD/A or B
GER
2/A
Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr .
```


## AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)

## Hunter Core

English Composition (EC)
Pluralism and Diversity
PD/A or B
GER
2/A
Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
prereq: ENGL 12000
3 hrs
3 cr

## AFPRL 24100 - Puerto Rican History to 1897

Pluralism and Diversity
PD/A
GER
2/B
An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr .

## AFPRL 24200 - Puerto Rican History Since 1898

Pluralism and Diversity
PD/A
GER
2/B
Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.

3 hrs
3 cr .

## AFPRL 24300 - Puerto Rican Culture

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A or B<br>GER<br>2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr .

## AFPRL 24400 - Puerto Ricans in the United States

Pluralism and Diversity
PD/B
GER
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr .

## AFPRL 24500 - Puerto Rican Literature I

```
Pluralism and Diversity
PD/A
Analysis of the emergence and development of the various literary genres which surfaced during the 19th century in the
literature of Puerto Rico. Discussion and analysis of major 19th century Puerto Rican authors (Hostos, Tapia and Zeno
Gandia).
prereq: SPAN 20200 or equiv. or perm instr.
3 hrs
3cr.
```


## AFPRL 24600 - Puerto Rican Literature II

## Pluralism and Diversity

PD/A
Discussion and analysis of the literary and cultural evolution of Puerto Rico viewed through the works of key 20th century authors. Literary production from the 1960s onwards is emphasized.
prereq: SPAN 20200 or equiv. or perm instr.
3 hrs
3 cr .

AFPRL 24700 - Puerto Ricans in the U.S. as a Literary Theme

Analysis of literary texts dealing with Puerto Rican communities in U.S. and their migration experiences. prereq: ENGL 12000 and reading knowledge of Spanish
3 hrs
$3 c r$.

## AFPRL 25500 - Puerto Rican/Latino Children in North American Schools

```
Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.
3 hrs
3cr.
```


## AFPRL 26000 - Latinos and US Citizenship

## Hunter Core

Individual and Society
Pluralism and Diversity
PD/B
Study of the relationship of US Latinos to the institution of American citizenship through history and examination of major issues today.
3 hrs
$3 c r$.

## AFPRL 27000 - Economic History of Puerto Ricans

Stages of change in economic structures and labor conditions among Puerto Ricans in Puerto Rico and the U.S. prereq: AFPRL 24200 or 24400
3 hrs
3 cr.

## AFPRL 28100 - Fieldwork in African American/Latino Communities

Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican/Latino communities.
Course open to Majors and Minors Only
3 hrs
3 cr. each

## AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr .

## AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)

Pluralism and Diversity
PD/B

GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr .

## AFPRL 30600 - Modern African International Relations (W)

Pluralism and Diversity
PD/A
GER
3/B
Factors affecting relations among African states and between African and non-African states within international system.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr .

## AFPRL 30700 - Contemporary African Politics (W)

GER
3/B

Study of post-independence nationalism, political systems, regional and inter-nation cooperation of African nations. prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr .
AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

GER
3/B

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 30900-African-Americans and Africa (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Major evidence of Black American involvement and interest in Africa from 1775 to present.
prereq: AFPRL 20300 or 20400

3 hrs
3 cr .

## AFPRL 31000-Modern Nigeria (W)

## GER

3/B

Detailed study of the historical development of modern Nigeria from the late 19th century to the present.
prereq: perm instr.
3 hrs
3 cr .

## AFPRL 31300 - Slavery (W)

```
Pluralism and Diversity
PD/A or B
GER
3/B
Historical overview of slavery from Africa to the Americas.
prereq: AFPRL 20300 or 20900 or perm instr.
3 hrs
3 cr .
```


## AFPRL 31800 - Women in Africa (W)

Pluralism and Diversity
PD/C
GER
3/B
Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
cross-listed WGSC 31800 (A Writing-intensive Course)
prereq: AFPRL 20200 or 22200 or perm instr.
3 hrs
3 cr .

## AFPRL 31900 - Women in the African Diaspora (W)

```
Pluralism and Diversity
PD/B or C
GER
3/B
```

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 32000 - African-Caribbean Culture (W)

```
Pluralism and Diversity
PD/A or B
GER
3/A
```

Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr .

## AFPRL 32100-Caribbean Migration and New York City (W)

```
Pluralism and Diversity
PD/A or B
GER
3/B
```

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City. prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr

## AFPRL 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.
cross-listed WGS 33600 (W)
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr .

## AFPRL 33700-Caribbean Women Writers (W)

## GER

3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

## AFPRL 34200 - Political Nationalism in Puerto Rico (W)

```
Pluralism and Diversity
PD/A
GER
3/B
Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.
prereq: AFPRL 24200 or perm instr.
3 hrs
3cr.
```


## AFPRL 35100 - Major Puerto Rican Figures (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr .

## AFPRL 35200 - Power Structure in Puerto Rico (W)

## GER

3/B

Social analysis of class divisions, role of the economy and the United States presence in Puerto Rico.
prereq: AFPRL 24300 or 27000
3 hrs
3 cr .
AFPRL 35500-The African Image in 19th and 20th century Spanish Antillean Poetry (W)

Pluralism and Diversity
PD/A
GER
3/A
The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.
prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish
3 hrs
3 cr .
AFPRL 35600 - Latino Literature in English (W)

## Pluralism and Diversity

PD/B
GER
3/A
Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr .

## AFPRL 36000 - Politics in Puerto Rico (W)

GER
3/B
Analysis of the political status issue, development of political parties, national leadership and participation.
prereq: AFPRL 24200 or 34200 or perm instr.
3 hrs
3 cr .

## AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)

## Pluralism and Diversity

PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures.
Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3 cr .

## AFPRL 38400 - Poverty in Society (W)

## GER

3/B
Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr .

## AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

## Pluralism and Diversity

PD/B
GER
3/B
An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.

```
prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3cr.
AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)
GER
3/A or B
Topics change according to instructor.
Open to Jr/Sr only.
3 hrs
3cr.
```

AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science

Pluralism and Diversity
PD/B
GER
3/A or B

Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
3 cr .

## AFPRL 42863 - Afro-Latino Culture and History

Pluralism and Diversity
PD/A
GER
3/A

3 hrs
3 cr .
AFPRL 44500 - Caribbean Short Story in Spanish: Readings and Theories

GER
3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.
prereq or coreq: SPAN 20800
3 hrs
3 cr .

## AFPRL 49900 - Honors

Individual research and 30 page honors essay based on assigned theme under supervision of a full-time AFPRL faculty member.
prereq: completion of 24 AFPRL credits including three 300/400 level courses; only open to AFPRL upper seniors with 3.5 major GPA and 3.0 cumulative GPA.

3 hrs
3 cr .

## Africana and Puerto Rican/Latino Studies: Courses Less Frequently Offered

## AFPRL 18100 - Language and Ethnic Identity

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS

## AFPRL 18200-Culture and Ethnic Identity

## Hunter Core

World Culture and Global Issues (WCGI)

## AFPRL 24800 - Caribbean Spanish

AFPRL 27600 - The Puerto Rican Family

## AFPRL 31400 - Blacks in Labor and Politics (W)

GER
3/B
Black labor from emancipation to present. Emphasis on period between New Deal and present.
prereq: AFPRL 20400 or 20500 or perm instr.
3 hrs
3 cr .

## AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)

Pluralism and Diversity
PD/A
GER
3/A
Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr .
offered every other sem.

## AFPRL 32300 - Islam and Christianity in Africa (W)

## GER

3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr .

## AFPRL 32400 - African-American Ethnohistory (W)

Ethnohistorical survey of development of Black culture in the diaspora; reinterpretation of African forms in Western European environment. prereq: AFPRL 22000 or perm instr.
3 hrs
3 cr .

## AFPRL 33000 - Autobiography as a Theme in Black Literature (W)

## GER

3/A

Treatment of autobiographical works of Black authors in U.S., Caribbean and Africa during 19th and 20th centuries. prereq: AFPRL 23600 or perm instr
3 hrs
3 cr .

## AFPRL 37000 - Sociolinguistic Fieldwork in Black and Puerto Rican/Latino Speech Communities (W)

## GER

3/B
Sociolinguistic theory applied to linguistic varieties spoken in African American, African- Caribbean, Puerto Rican and other Latino communities.
prereq: AFPRL 18100 or ANTHC 15100
3 hrs
3 cr .

## AFPRL 40100 - Pan-Africanism

## GER

3/B

Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.
prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr .

## AFPRL 40200 - African American Political Thought

```
GER
3/B
Comparative theorists; methods and ideological currents.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3cr.
```


## AFPRL 40300 - Development Strategies in the African-Caribbean

GER
3/B
Analysis of developmental strategies used by Caribbean nations after independence.
prereq: AFPRL 20700 or 20800 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 42000 - The Black Church and Social Change

GER
3/B
In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .
AFPRL 44200 - History of Puerto Rican Labor Movements
GER
3/B
Historical development of Puerto Rican working class, its movements and organizations from 19th century to present. prereq: AFPRL 24200 or 27000
3 hrs
3 cr .

## Anthropology: Archaeology

## ANTHC 12600 - Introduction to Prehistoric Archaeology

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## ANTHC 12700 - Methods In Archaeological Science

## Hunter Core

SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 22600 - Archaeology of Africa

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 22700-Archaeology of Europe

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

## ANTHC 22800 - Archaeology of the Near East to 2000 BC

## Pluralism and Diversity

PD/A
GER
3/B
Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 23000 - Prehistory of North American Indians

## GER

3/B

Examination of adaptation and change in prehistoric cultural systems, employing archaeological and ethnohistorical sources.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 23100 - Archaeology of Mesoamerica

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
ANTHC 32600 - Rise of Old and New World Civilizations

GER
3/B
Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 32700-Prehistoric Cultural Ecology

GER
3/B
Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr .

## ANTHC 34600 - Analytic Methods in Archaeology

## GER

3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys.
prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr .

## ANTHC 42600 - Seminar in Archaeological Field Methods

## Pluralism and Diversity

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

## Anthropology: Biological Anthropology, Genetics and Paleontology

## ANTHP 10100 (STEM) - Human Evolution

## Hunter Core <br> Life and Physical Sciences (LPS) Scientific World (SW) <br> GER <br> 2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## ANTHP 10500-The Human Species

## Hunter Core

Life and Physical Sciences (LPS)

## GER

2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes
("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution
3 hrs
3 cr.

## ANTHP 21000 - Biology of the Living Primates

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective.
3 hrs
3 cr .

## ANTHP 21400-Theory of Evolution

History of and major debates in evolutionary theory, with particular emphasis on human evolution.

```
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
cr.
```


## ANTHP 30100 - Human Fossil Record

## Pluralism and Diversity

PD/C
GER
3/B
The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
$3 c r$.

## ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

## ANTHP 30500 - Evolution of the Human Skeleton

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting
where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or
ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
3 hrs .
3 cr .

## ANTHP 30600 - Human Anatomy

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or
ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or
ANTHP 10500 (The Human Species) or BIOL102 (Principles of Biology 2) or
BIOL 12200 (Anatomy \& Physiology 2).
3 hrs.
3 cr.

## ANTHP 31000 - Primate Ecology and Behavior

## GER

3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species.
prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr .

## ANTHP 31100 - Primate Evolution

## GER

3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.

3 hrs
$3 c r$.

## ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.

```
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
cr.
```


## ANTHP 31600 - Human Evolutionary Adaptations

GER
3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.

```
prereq: ANTHP 10100 or ANTHP 10500
```

3 hrs
3 cr .

## ANTHP 31800 - Primate Nutritional Ecology

This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates
3 hrs.
3 cr .

## ANTHP 40100 - Seminars in Selected Topics

Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr .

## Anthropology: Human Biology

## HMBIO 40100 - Human Biology Senior Capstone

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points. prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.

```
3 hrs
3cr.
HMBIO 40200 - Independent Study
```

Research project directed by a Human Biology Program participating faculty member. prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1-3 hrs
1-3cr.
HMBIO 40300 - Internship

Opportunity to participate in an internship in institutions related to the Human Biology major. prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1-3 hrs
1-3 cr.

## Anthropology: Cultural Anthropology and Ethnology

## ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)

## Hunter Core

US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.
prereq: ENGL 12000
3 hrs
3 cr .

## ANTHC 10100 - Introduction to Cultural Anthropology

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/A
GER
2/B
```

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr.
offered every sem.

## ANTHC 20000 - Africa: Societies and Cultures

Pluralism and Diversity
PD/A

GER
3/B

Pre-colonial, colonial and contemporary communities, subsistence and exchange systems and ecological adaptations.
3 hrs
3 cr .

## ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3 cr.

## ANTHC 20400 - East Asia: Societies and Cultures

```
Pluralism and Diversity
PD/A
GER
3/B
Historical and regional variation in various East Asian societies, with a focus on political economy, family, kinship, community and national minorities.
3 hrs
3 cr .
```


## ANTHC 21100 - Native North America: Societies and Cultures

Pluralism and Diversity
PD/A or B
GER
3/B

Adaptive strategies and cultural variations in pre and post-contact periods; problems in contemporary societies.
3 hrs
3 cr .

## ANTHC 21300 - Latin America: Societies and Cultures

## Pluralism and Diversity

PD/A
GER
3/B

Development and organization of tropical forest Indians, hacienda and plantation economies, peasant and urban societies.
3 hrs
3 cr .

## ANTHC 21400 - The Caribbean: Societies and Cultures

```
Pluralism and Diversity
PD/A
GER
3/B
Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3 hrs
3cr.
```


## ANTHC 21500 - The Anthropology of Black America (W)

Pluralism and Diversity
PD/B
GER
3/B

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr .

## ANTHC 21800 - The Anthropology of the Civil Rights Movement in the U.S.

```
Pluralism and Diversity
PD/B
GER
3/B
```

This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.
prereq: ANTHC 10100 or departmental permission
prereq or coreq: ENG 120
3 hours
3 credits

## ANTHC 27500 - Reading Ethnographies (W)

## GER

3/B
Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000

3 hrs
$3 c r$.

## ANTHC 30100-Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 30600 - Folklore and Myth

## GER

3/B

Cultural and psychological functions and symbolic meanings.
3 hours
3 credits

## ANTHC 30700 - Anthropology of Religion

Pluralism and Diversity
PD/A
GER
3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr .

## ANTHC 30800 - Human Ecology

Pluralism and Diversity
PD/A
GER
3/B

Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
$3 c r$.
ANTHC 30900 - Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

## ANTHC 31000 - Politics and Power in Anthropological Perspective

```
Pluralism and Diversity
PD/A
GER
3/B
Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state
and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
cr.
```


## ANTHC 31100 - Anthropology of Art

```
Pluralism and Diversity
GER 3/B
Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.
3 hrs
3cr.
```


## ANTHC 31200 - Anthropological Approaches to Sexuality

Pluralism and Diversity
PD/C
GER
3/B

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.
prereq: ANTHC 10100
3 hrs
3 cr.

## ANTHC 31400-Research Design in Anthropology

```
Pluralism and Diversity
GER 3/B
Introduction to basic principles of research design employed in anthropology.
prereq: ANTHC 10100
3 hrs
3cr.
```

GER
3/B`

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31800-History of Anthropological Theory

## Pluralism and Diversity

PD/D
GER
3/B
Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 32000 - Problems in Anthropology

GER
3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B , or C .
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

## ANTHC 32100 - Women and Globalization

GER
3/B
The situation of women from less developed countries with attention to the local and global forces shaping their lives.
Topics include migration, the international division of labor and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.
cross-listed WGSL 32100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 32200 - Family and Household in Anthropology and History

Pluralism and Diversity
PD/C
GER

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100
3 hrs
3 cr.
ANTHC 32500-Special Projects and Independent Research in Anthropology

GER
3/B
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

## ANTHC 33200 - East Asia: Societies and Cultures

## GER

3/B

Historical and regional variation in various East Asian societies with a focus on political economy, kinship, community and national minorities.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 33400 - Latin America: Societies and Cultures

GER
3/B

Changing views of US and Latin American anthropologists on ethnic, class and gender relations, underdevelopment, migration and social movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 35000 - Popular Culture: Anthropological Perspectives

## GER

3/B
The comparative ethnographic and theoretical study of popular and expressive culture traditions from around the world. prereq: ANTHC 10100, ENGL 12000, or perm instr.
3 hrs
3 cr .
ANTHC 40000 - Honors Projects
prereq: perm chair
offered every sem.

## ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

## ANTHC 40196 - International Migration

3 hrs
3 cr .

## Anthropology: Linguistics

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core

World Cultures and Global Issues (WCGI)

## GER

2/B
Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .
ANTHC 26000 - North American Indian Languages and Cultures

GER
3/B

Linguistic analysis and sociocultural background of North American Indian languages.
3 hrs
3 cr .
ANTHC 26300 - Afro-New World Languages and Cultures

GER
3/B
Linguistic analysis, history, sociocultural background of Caribbean creole languages, other Afro-American speech forms.
3 hrs
3 cr .

ANTHC 32076 - Language, Sex and Gender

Pluralism and Diversity
PD/C
GER
3B
cross-listed WGSA 300.53
prereq: ANTHC 15100 or permission from instructor and or department
3 hrs
3 cr .

## ANTHC 35100 - Language in Culture and Society

GER
3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

## ANTHC 35300 - Phonological Analysis and Theory

## GER

3/B
Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

## ANTHC 35400-Grammatical Analysis and Theory

GER
3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

## Anthropology: Courses Less Frequently Offered

## ANTHC 31600-Quantitative Methods in Anthropology

GER
3/B

# ANTHC 31700 - Field Methods in Cultural Anthropology 

GER
3/B

## Arabic

## ARB 10100-Beginning Arabic I

## Hunter Core

World Culture and Global Issues (WCGI)
The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr .

## ARB 10200 - Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.
prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
$3 c r$.

## ARB 14800 - Beginning Arabic for Heritage Speakers

## Hunter Core

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head
3 hrs
$3 c r$.

## ARB 14900 - Spoken Egyptian Arabic

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic. prereq: ARB 10200 and permission of instructor
3 hours
3 credits

## ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule. prereq: ENGL 12000 or equivalent
3 hrs.
3 cr .

## ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.
prereq: ARB 10200 or equiv.
3 hrs
3 cr .

## ARB 20200 - Intermediate Arabic II

```
Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
cr.
```


## ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800 . It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr .

## ARB 25000-The Arab Novel (in translation) (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity

PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

## ARB 25100-Arab Cinema (in translation)

## Hunter Core <br> Creative Expression (CE) <br> Pluralism and Diversity <br> PD/A <br> GER <br> 2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25200 - Literatures from the Islamic World (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25300 - Literatures and Cultures of Muslim Spain (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25400 - The Arabian Nights East and West (W)

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

## ARB 25500 - Modern Palestinian Culture

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

## ARB 25600 - Modern Arab Theatre

## Hunter Core

World Culture and Global Issues (WCGI_
Pluralism and Diversity
PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.
3 hrs
3 cr.

## ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051,
GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL
33700W OR SOC 36200W.
3 hours
3 credits

## ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic
prereq: ARB 20200 or equiv.
3 hrs
3 cr.

## ARB 30200 - Advanced Arabic II

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr .

## Archaeology: Classical

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr.
CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

## CLA 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .

## CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr .
fall only

## CLA 22300 - Roman Archaeology II: The Archaeology of the Roman Empire

The Mediterranean world under the Roman Empire: capital city of Rome and the provinces; architecture, painting, sculpture, daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr .
spring only

## CLA 22500 - Archaeology of Egypt (W)

```
Pluralism and Diversity
PD/A
GER
3/A
```

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22700 - Archaeology of Eastern Mediterranean (W)

## Pluralism and Diversity

PD/A
GER
3/A

[^4]
## CLA 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32300 - Archaeology of Anatolia (W)

## Pluralism and Diversity

PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary.
prereq: ENGL 12000, two courses in classical archaeology
3 hrs
3 cr .

CLA 33000 - Field Seminar in Archaeology

Open to majors only. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
prereq: ENGL 12000, perm dept.
6 cr. maximum

## Art Theory and History

## ARTH 11100 - Introduction to History of Art

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr. cr

## ARTH 20500 - Egyptian Art

Pluralism and Diversity
PD/A
GER
3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art. prereq: ARTH 11100
prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.
3 hrs
3 cr .

## ARTH 21500 - Greek Art

## Pluralism and Diversity

PD/D
GER
3/A

Sculpture and painting from the geometric period to the Hellenistic (ca. 750-100 BC). Emphasis on architectural sculpture, monumental free-standing sculpture and vase painting, in their stylistic and narrative contexts prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 21600 - Roman Art

Pluralism and Diversity
PD/D
GER
3/A
Roman sculpture and painting from Republican period to Age of Constantine (ca. $100 \mathrm{BC}-315 \mathrm{AD}$ ). Emphasis on historical reliefs, portraits and wall painting.
prereq: ARTH 11100
3 hrs
3 cr.

## ARTH 22000 - Early Medieval Art

GER
3/A

Sculpture, painting, mosaics and minor arts in West from dissolution of Roman Empire through Carolingian revival, including early Christian and Byzantine art.
prereq: ARTH 11100
3 hrs
3 cr.

## ARTH 22100 - Later Medieval Art

```
Pluralism and Diversity
PD/D
GER
3/A
Ottonian, Romanesque and Gothic art; architecture, sculpture, painting and minor arts.
prereq: ARTH 11100
3 hrs
cr.
```


## ARTH 22500 - Art of Early Renaissance

Pluralism and Diversity
PD/D
GER
3/A

Painting, sculpture and related architecture in 14th- and 15th-century Italy. Major artists from Giotto to Botticelli. prereq: ARTH 11100
3 hrs
3 cr.

## ARTH 22700 - Northern Renaissance Art

Pluralism and Diversity
PD/D
GER
3/A

Northern European art from the $14^{\text {th }}-16^{\text {th }}$ centuries with emphasis on early Netherlandish painting including Jan van Eyck, and later masters including Dürer, Bosch and Bruegel.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 23000 - Art of High Renaissance and Later 16th Century in Italy

Pluralism and Diversity
PD/D
GER
3/A

Sculpture and painting of 16th-century Italy. Emphasis on Leonardo, Raphael, Michelangelo and Titian. prereq: ARTH 11100

```
3 hrs
3cr.
offered spring
```


## ARTH 23500 - Southern Baroque Art

```
Pluralism and Diversity
PD/D
GER
3/A
Sculpture, painting of 17th-century Italy, France, Spain: Carracci, Caravaggio, Reni, Bernini; Ribera, Velasquez, Zurbaran, Murillo; Poussin, Claude Lorrain. prereq: ARTH 11100
3 hrs
3 cr .
```


## ARTH 23700 - Art and Architecture in Colonial Latin America

Art in Latin America from 1521-1821
prereq or coreq: ARTH 11100
3 hrs.
3 cr .

## ARTH 24000 - Baroque Art of Northern Europe

Pluralism and Diversity
PD/D
GER
3/A

Sculpture and painting in 17th-century Flanders, Holland and England. Rubens, Van Dyck, Rembrandt; landscape. prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 24300 - Eighteenth-Century Art

Pluralism and Diversity
PD/D
GER
3/A

European painting and sculpture; Watteau, Fragonard and Houdon in France, Hogarth and Reynolds in England, Tiepolo in Italy.
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24400 - Neo-Classicism and Romanticism: the Age of Revolution, 1789-1848

Pluralism and Diversity
PD/D
GER
3/A

Neo-classicism and romanticism in France, Germany, England, Spain. David, Ingres, Delacroix; Friedrich, Runge, the Nazarenes; Blake, Reynolds, Constable; Goya.
prereq: ARTH 11100
3 hrs
3 cr.

## ARTH 24500 - Issues in 19th-Century French Painting: Realism, Impressionism and Post-Impressionism/Symbolism (1850-1910)

Pluralism and Diversity
PD/D
GER
3/A
Impressionists and post-Impressionists within a European context: Courbet, Manet, Monet, Canne, Van Gogh, Gauguin, Munch.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 24600-American Art 1760-1900

Pluralism and Diversity
PD/D
GER
3/A
American art beginning with the Colonial period and including West, Copley, the Peales, Cole and the Hudson River School, the Luminists, Homer and Eakins.
prereq: ARTH 111000
3 hrs
3 cr .
offered fall

## ARTH 24700 - Modern Art in Latin American ( until c. 1945)

Modern Art in Latin America until c. 1945
prereq: ARTH 11100
3 hrs.
3 cr .

## ARTH 24900 - Twentieth-Century Art I

```
Pluralism and Diversity
PD/D
GER
3/A
```

Western art to World War II.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25000 - Twentieth-Century Art II

## Pluralism and Diversity

PD/D
GER
3/A
Western art from World War II to approximately 1980.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25100 - Contemporary Art

GER
3/B
Significant international artists and art works of the past twenty years, as well as recent developments in art theory and criticism.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25200 - Ancient Architecture

GER
3/A
Major architectural styles with emphasis on Greece and Rome. Technical, cultural and aesthetic significance of the monuments.
prereq: ARTH 11100
3 hrs
$3 c r$.

## ARTH 25300 - Medieval Architecture

Pluralism and Diversity
PD/D
GER
3/A
Major styles and buildings in West from ancient world through Middle Ages; technical, cultural and aesthetic significance.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25400 - Architecture: Renaissance to Neo-Classical

```
Pluralism and Diversity
PD/D
GER
3/A
```

Architecture in West from Renaissance through the 19th century; baroque, rococo and neoclassical styles. ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61credit BFA program. It may not be credited toward art history major requirements.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25500 - Modern Architecture I (1850-1950)

Pluralism and Diversity
PD/D
GER
3/A

Survey of western architecture from 1850 to 1950, emphasizing the wide range of theoretical, formal, and technological aspects of architectural practice during this period.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 25600 - Modern Architecture II (from 1950 until today)

Survey of western architecture since 1950, examining the diversification of modern architectural practice, its increasing global reach and regional variations, with an emphasis on emerging architectural theories.
prereq: ARTH 11100
3 hrs.
3 cr .

## ARTH 25700 - Postwar and Contemporary Art in Latin America

Art in Latin America from c. 1945 to the present
prereq: Prerequisite: ARTH 11100
3 hrs.
$3 c r$.

## ARTH 26000 - Islamic Art and Architecture

## Pluralism and Diversity

PD/A
GER
3/A

Introduction to the art and architecture of Islamic lands (7th to 19th century).

3 hrs
3 cr .

## ARTH 26200 - Art of East Asia: Ritual and Religion

## GER <br> 3/A <br> Emphasis on art and archaeology of ancestral worship, funerary spaces, and religions in East Asia. <br> prereq: ARTH 11100 <br> 3 hrs <br> $3 c r$.

## ARTH 26300 - Art of East Asia: Painting and Calligraphy

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/A

Art of the brush in a chronological and thematic approach. From the classical tradition up until the 20th century.
prereq: ARTH 11100
3 hrs
$3 c r$.

## ARTH 27000 - Art of Africa and Oceania

## Pluralism and Diversity

PD/A
GER
3/A
Survey of African art; function, subjects, forms and styles of the arts in the cultural contexts.
prereq: ARTH 11100
3 hrs
3 cr .

## ARTH 28000 - History of Photography

## GER

3A
An historical survey of photography between 1839 and the present day with a focus on the visual revolution provoked by this new medium of representation and on photography's creative expression.
The course is organized chronologically from the beginnings of photography, in 1839, to our time. It gives full exposure to the main technologies of photography in the nineteenth-century, as they became accessible to a large public and introduced new aesthetics in portraiture, urban landscapes, and the representation of distant geographies. This history continues in the twentieth-century, when photography became more experimental and sought its own artistic autonomy. The course surveys chronologically the key moments at which photography reached the status of art, was used as social document, and fulfilled a wide social need. The dialogue between contemporary art and photography is
brought to the present, exploring the strategies by which digital art is challenging the idea of photography as truthful representation of the world.

3 hrs
3 cr .

## ARTH 30000 - Research Methods of Art History Seminar (W)

GER
3/A

Training in fundamental methods of learning and writing about works of art through visual analysis and art-historical research, focusing on a particular area in art history, and culminating in a substantial academic research paper.
prereq: ARTH 11100 and one 200-level art history course
3 hrs
3 cr .

## ARTH 31100 - Special Topics Lecture in Ancient Art (W)

## Pluralism and Diversity <br> P/D D <br> GER <br> 3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ARTH 11100, and two 200-level art history courses
3 hrs
3 cr .

## ARTH 32100 - Special Topics Lecture in Medieval Art (W)

```
Pluralism and Diversity
P/D D
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 33100 - Special Topics Lecture in Renaissance Art (W)

```
Pluralism and Diversity
P/D D
GER
3/A
```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 34100 - Special Topics Lecture in Baroque Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 35100 - Special Topics Lecture in Modern Art (W)

## GER

3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 36100 - Special Topics Lecture in Islamic Art (W)

## Pluralism and Diversity

P/D A
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 37100 - Special Topics Lecture in Asian Art (W)

Pluralism and Diversity
P/D A
GER

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

## ARTH 38100 - Special Topics Lecture in Art History (W)

## GER

3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level courses
3 hrs
3 cr.

## ARTH 40200 - Independent Study in Art History

## GER

3/A

ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61credit BFA program. It may not be credited toward art history major requirements.
prereq: perm instr.
3 hrs
3 cr .

## ARTH 41000 - Advanced Studies Seminar in Ancient Art (W)

## Pluralism and Diversity

P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 42000 - Advanced Studies Seminar in Medieval Art

## Pluralism and Diversity

P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 300 and two 200-level art history courses

3 hrs
3 cr .

## ARTH 43000 - Advanced Studies Seminar in Renaissance Art (W)

```
Pluralism and Diversity
P/D D
Upper-level seminar; check Department website each semester for the announcement of upcoming course titles
indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3cr.
```


## ARTH 44000 - Advanced Studies Seminar in Baroque Art (W)

```
Pluralism and Diversity
P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of
upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3cr.
```


## ARTH 45000 - Advanced Studies Seminar in Modern Art (W)

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 46000 - Advanced Studies Seminar in Islamic Art (W)

## Pluralism and Diversity

P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

## ARTH 47000 - Advanced Studies Seminar in Asian Art (W)

```
Pluralism and Diversity
P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
```

prereq: ARTH 30000 and two 200-level art history courses

3 hrs
3 cr .

## ARTH 48000 - Advanced Studies Seminar in Art History (W)

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.

```
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
cr.
```


## ARTH 49800 - Internship

GER
3/A
Qualified undergraduates work for academic credit in professional and community art institutions.
Students must also contact and apply at the internship office, where all college-approved internships are listed. The credits earned cannot be used to fulfill the 24 -credit major requirement. Three credits may be applied to the 42 -credit major. A maximum of six art history Inservice credits may be applied to the degree. ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61 -credit BFA program. It may not be credited toward art history major requirements.
prereq: perm dept. adviser
hrs TBA
(1-6) cr

## Studio Art

ARTLA 10100 and ARTCR 22100 are prerequisites to all studio art classes

## ARTCR 22100 - Drawing

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: $\$ 50$
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 22500 - Graphic Arts Workshop

Techniques of woodcut, intaglio, lithography, silkscreen and related media.
Material Fee: $\$ 75$
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
3 cr. +5 hrs open studio

## ARTCR 23500 - Painting

Basic principles of painting. Studio practice using varied paint media, varied paint surfaces, paper and canvas. Material Fee: \$100
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5$ hrs open studio

## ARTCR 24000 - Watercolor Painting

Basic principles of watercolor painting.
Material Fee: \$100
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
3 cr. +5 hrs open studio

## ARTCR 25100 - Sculpture

Basic principles of sculpture. Studio practice in varied materials.
Material Fee: \$65
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 25700 - Ceramics

Introduction to pottery and ceramic sculpture, including hand forming, throwing on the wheel, glazing and kiln operation.
Material Fee: $\$ 85$
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 27100 - Principles of Photography

Black and white photography as creative medium; camera and its functions; exposure and film development, contact printing and enlarging.
Material Fee: \$75
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
3 cr. +6 hrs open studio

## ARTCR 29000-Combined Media

An introduction to basic technologies, methods and ideas that result in ways of making art that mix and combine media. The course will emphasize the production of moving images, sounds, performance as well as still images and objects.

4 hrs +5 hrs open studio
3 cr .

## ARTCR 30100-Advanced Studio

Student projects with emphasis on contemporary methods such as video, film, tape, conceptual art, environmental art, earth art.
Material Fee: \$40
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
3 hrs
3 cr. +5 hrs open studio

## ARTCR 32200 - Advanced Drawing

Continued experience in drawing with emphasis on drawing from life.
Material Fee: $\$ 50$
prereq: ARTC 22100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 32600 - Advanced Graphic Arts Workshop

Advanced study of one or more graphic art methods. Individual exploration emphasized.
Material Fee: \$75
prereq: ARTCR 22500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses. 4 hrs
$2 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 33600 - Advanced Painting

Continued experience in painting with possible concentration upon one medium and theme. Individual exploration emphasized.
Material Fee: $\$ 100$
prereq: ARTCR 23500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses. 4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 35200 - Advanced Sculpture

Continued experience in sculpture with possible concentration in one material. Individual exploration emphasized. Material Fee: $\$ 65$
prereq: ARTC 25100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
3 cr. +5 hrs open studio

## ARTCR 35700 - Advanced Ceramics

Continued experimentation in form, surface and techniques. Individual exploration emphasized.
Material Fee: $\$ 85$
prereq: ARTC 25700
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 36000-Special Projects

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches:
Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: $\$ 50$
prereq: See department
3 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 37200 - Advanced Photography

Techniques and aesthetics of black and white photography; self-expression and exploration; classroom critiques. Material Fee: $\$ 75$
prereq: ARTC 27100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
3 cr. +6 hrs open studio

## ARTCR 39000 - Combined Media

Continued experience in combined media with possible concentration in one approach and/or method. Individual exploration will be emphasized. May be repeated once (i.e., taken twice).
4 hrs +5 hrs open studio
3 cr .

## ARTCR 40200 - Independent Study in Studio Art

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

## ARTCR 40500 - Art and Current Ideas II

Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions. Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the exhibitions.
ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: BFA students or perm dept.
3 hrs
3 cr .

ARTCR 45900 - Professional Experience in Art I

BFA majors, seniors only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department.
Material Fee: \$50
prereq: perm BFA committee at end of junior yr.
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
$3 \mathrm{hrs}+15 \mathrm{hrs}$ open studio
6.5 cr .

## ARTCR 46000 - Professional Experience in Art II

Continuation of ARTC 45900.
Material Fee: \$50
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
$3 \mathrm{hrs}+15 \mathrm{hrs}$ open studio
6.5 cr .

## ARTCR 49800 - Internship

Qualified undergraduates work for academic credit in professional and community art institutions. ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm dept.
hrs TBA
1-5 crs

## ARTLA 10100 - Introduction to Study of Visual Experience

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio

## ARTLA 36018-2-D, 3-D,4-D Seminar

prereq: ARTLA 10100, ARTCR 22100 and 2 200-level studio art courses, perm instr.
3 hrs.
3 cr .

## Asian American Studies: Introductory Courses

For continuously updated course listings, descriptions and sample syllabi, please go to http://www.hunter.cuny.edu/aasp

## ASIAN 21000 - Asians in the U.S.

[^5]domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.
Recommended for but not required of AASP Minors.
3 hrs
3 cr .

## ASIAN 22001 - Asian American Women Writers


#### Abstract

Pluralism and Diversity PD/B or C Critical examination of Asian American women's identity formations in relation to factors such as racial ideology, global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.


3 hrs
3 cr .

## ASIAN 22012 - Asian American Literature

## Pluralism and Diversity <br> PD/B or C <br> Critical examination of literary texts by Asians in the U.S. and western diaspora, tracing Asian American literary production in order to understand how these literatures are a formative site to engage in intersectional analyses of constructions of history, citizenship, and identity. <br> 3 hrs <br> 3 cr .

## Asian American Studies: Humanities Courses

For continuously updated course listings, descriptions and sample syllabi, please go to
http://www.hunter.cuny.edu/aasp

## ASIAN 22004 - Arab American Literature

## Pluralism and Diversity

PD/B
Critical examination of a cross-section of literature and film/video/performance by Arab American writers and artists in an interdisciplinary investigation of the historical and contemporary experiences of Arab Americans in the United States and western diaspora.
3 hrs
3 cr .

## ASIAN 22005 - South Asian Women's Literature

## Pluralism and Diversity

PD/B or C
Close examination of literary, historical, and theoretical texts with a focus on the cultural production and social movements of South Asian women, with particular attention to how issues of race and nationalism are shaped and how they have overlapped with gender, class, sexuality, religion, and language.
3 hrs
3 cr .

## ASIAN 22006 - Filipino American Literature

```
Pluralism and Diversity
PD/B
Close examination of the historical and social contexts in which Philippine-American literature has evolved, the diverse
aesthetics and themes of individual writers, and analysis of how issues of Philippine-American cultural production
takes up issues of gender, class, sexuality, religion, language, and national identity.
```

3 hrs
3 cr .

## ASIAN 22009-Gender and Genre in Asian American Literature and Film

```
Pluralism and Diversity
PD/B, PD/C
Critical exploration of the social construction of Asian American identity in various genres: video art, prose, poetry,
memoir, performance, and film. The emphasis of the course is on intersectional analyses that critically examine how
race, gender, class, and sexuality inform Asian American artists' decisions regarding form and genre.
```

3 hrs
3 cr .

## ASIAN 22100 - Introduction to Writing About Asian American Literature (W)

## Hunter Core

EC
This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221 develops students' critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.
prereq: ENGL 12000
3 hrs
3 cr.

## ASIAN 22500-Asian American Art (W)

## Pluralism and Diversity <br> P\&D B <br> Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.

prereq: ENGL 12000
3 hrs
3 cr.

## ASIAN 32001 - Nation, Self, and Asian Identity

Pluralism and Diversity
PD/B

Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with particular emphasis placed upon juridical constructions of citizenship, community, and belonging.
3 hrs
3 cr .

## ASIAN 32005 - Asian American Memoir

## Pluralism and Diversity <br> PD/B

Close examination of memory as an imagined and contested site that complicates and challenges how we constitute self and other. Students will analyze constructions of identity through Asian American narratives, and their relation to language, form and experience, including immigration and gendered narratives to transnational categories of homeland and belonging.

3 hrs
3 cr .

## ASIAN 32100-Asian American Social Protest Literature

## Pluralism and Diversity <br> PD/B

Deconstruction and examination of historical and contemporary Asian American literatures of social protest and resistance. Students utilize readings as a framework for initiating, planning, and executing semester-long communitybased projects.
3 hrs
3 cr .

## ASIAN 33008-Muslim Diasporas


#### Abstract

Pluralism and Diversity PD/B Interdisciplinary course moving through the history of Islam and its expressions in many areas of the world (including Sufism), to the cultural identity, art, and literature of the Muslim Diaspora in the United States, their misrepresentations in the media, and fetishization by popular culture.


3 hrs
3 cr .

## ASIAN 34001 - Asian Pacific American Media

```
Pluralism and Diversity
PD/B
Addresses Asian Pacific American experiences of assimilation, displacement, marginalization, multiculturalism, and
resistance to the cultural 'norm' within Asian Pacific communities through screening a wide range of films and videos
and reviewing critical and fictional writing. Guest artists may also lecture.
3 hrs
3cr.
```


## ASIAN 34003 - West Asian American Literature and Film

# Asian American Studies: Recent Course Offerings in the Humanities 

ASIAN 33052 - Oral History, Cultural Identity and the Arts<br>ASIAN 39006-Gender and Sexuality in Asian American Literature and Film<br>ASIAN 39016 - Ethnicity and American English<br>ASIAN 39018 - Asian American Poetics<br>ASIAN 46000 - Independent Study<br>\section*{Asian American Studies: Social Science Courses}

For continuously updated course listings, descriptions and sample syllabi, please go to http://www.hunter.cuny.edu/aasp

## ASIAN 23002 - Asian American Communities and Mental Health


#### Abstract

Hunter Core Individual and Society (Social Sciences) -I\&S SS Pluralism and Diversity PD/B Introduction to pyychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery. 3 hrs 3 credits


## ASIAN 29000 - Asian American Studies Internship

A semester-long course intended to give students practical experience participating in a local or national Asian American-serving organization. The objective of ASIAN 29000 is to train students to transform Asian American Studies scholarship into practice, and to realize the relevance of their classroom training in a broader social context. ASIAN 29000 will be required of students seeking a Certificate in Asian American Studies (pending), and will be
recommended for students seeking a minor in Asian American Studies.
prereq: ENGL 12000, ASIAN 210 or equiv.
8-10
3 cr.

## ASIAN 35100-Asian American History of Labor and Politics

## Pluralism and Diversity <br> PD/B <br> This seminar explores the interconnected issues of race, class, and nationality through the study of the history of Asian immigrant labor in the U.S. in the context of American economic needs and political environment.

3 hrs
3 cr .

## ASIAN 39001 - International Migration


#### Abstract

Pluralism and Diversity PD/B This interdisciplinary course examines the origins and processes of migration and settlement, past and present. Includes a series of lectures by leading scholars from a variety of academic fields and immigrant communities. Topics include: immigration and labor, race and gender, social and cultural identity, immigration policy and political action, and the trans-nationalization of education and family life. 3 hrs 3 cr .


## ASIAN 39002 - Asian American Civil Rights and the Law

```
Pluralism and Diversity
PD/B
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.
3 hrs
3 cr .
```


## ASIAN 49100 - Asian American Movement and Community Organizations

## Pluralism and Diversity <br> PD/B <br> Semester-long analysis of the development of pan-ethnic Asian American consciousness and institutions since the late 1960s, with a focus on this movement's impact on community organizations of Asian national sub-groups examined in the context of larger American racial and ethnic politics. <br> 3 hrs <br> 3 cr .

## Asian American Studies: Recent Course Offerings in Social Science

## ASIAN 23001 - Globalization and Gender

```
Pluralism and Diversity
PD/B
3 hrs
3cr.
ASIAN 33001 - Chinese in the U.S.
ASIAN 33003 - South Asians in the U.S.
ASIAN 39015 - Immigration and the Economy
3
```

ASIAN 46000 - Independent Study
ASIAN 49000 - Immigration Policy
Pluralism and Diversity
PD/B

## Astronomy

Astronomy courses are offered by the Department of Physics and Astronomy

## ASTRO 10000 - Basic Concepts in Astronomy

## Hunter Core

Scientific World (SW)

## GER

2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe. 3 hrs.
3 cr .

## ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

## GER

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.

The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
$4 c r$.

## ASTRO 10200 - Laboratory Explorations in Astronomy

## Hunter Core

Life and Physical Sciences (LPS)
GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.
prereq or coreq: ASTRO 10000
3 hrs
3 cr .

## ASTRO 10300 - Laboratory Explorations in Astronomy

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.
prereq: ASTRO 10000
3 hr .
3 cr.

## ASTRO 10700 - Laboratory Exercises in Astronomy

## GER

2/E
Classroom and online experimental laboratory exercises in astronomy to observe the major features of the night sky, demonstrate the physical basis of astronomical instruments, and experiment with astronomical phenomena. Only offered to students who have previously taken ASTRO 100 which is no longer offered [ASTRO $100+$ ASTRO 107 are replaced by ASTRO 10100].
prereq or coreq: ASTRO 10000
2 hrs
1 cr .

## Astronomy: Courses Less Frequently Offered

## ASTRO 18100 - Astronomy of the Solar System

## ASTRO 18200 - Stellar Astronomy

## Biological Sciences

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{C}$ or D<br>GER<br>2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 10500 - Introduction to Genome Biology

## Hunter Core

Life and Physical Sciences (LPS)
A genome is the total genetic content of an organism. Driven by breakthroughs such as the decoding of the first human genome and rapid DNA-sequencing technologies, biomedical sciences are undergoing a rapid and profound transformation into a highly data-intensive field, which requires familiarity with concepts in both biology and computer science. Genome information is revolutionizing virtually all aspects of biology and medicine and will lead to major advances such as more efficient production of renewable energy, better cures for cancers, and longer and healthier life expectancy. This course will introduce genome-sequencing technologies, explore hundreds of genome projects online, and discuss both the benefits and challenges (e.g., ethical and legal) of the genomic revolution to society.

3 hrs .
3 cr .

## BIOL 10700 - The Human Barcode: Biology and Genetics of Personal Identification

## Hunter Core

LPS
An introductory lecture/laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by scientists to analyze how DNA or skin can uniquely lead to a person's identification, and the biological concepts behind them. For example, through the topics that are covered, students will learn how biological evidence like fingerprints and DNA is collected, analyzed, and presented as evidence to solve crimes. Students will learn important biological concepts such as DNA, development, and characteristics of body tissues.
3 hrs
3 cr .

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

## BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
spring only

## BIOL 12500 (STEM) - Human Biology

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## GER

2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.
4.5 cr .
spring only

# BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology) 

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

## BIOL 16000 - Honors Principles of Biology II

## Pluralism and Diversity <br> PD/C or D <br> GER <br> 2/E

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.
Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.
prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
not offered 2014-15

## BIOL 17500 - Choreographing Genomics

## Hunter Core

Scientific World (SW)
This course uses postmodern dance to model biological processes. It is an introductory biology course for non-majors studies in the biological science of molecular genome information through readings, quantitative assignments, movement exercises and artistic lenses. Students explore a detailed examination of heredity and cancer with a focus on contributions of DNA. Students are expected to articulate gene information flow through problem solving, written
assignments, oral contributions, and movement forms. Topics covered include the definition of a gene, recombination of genes, the central dogma of genetic flow in a biological system, the 1:1 Pair Rule (Chargaff's rules), DNA sequencing, functional genomics and the relationships of genes to cancer and heredity, as well as ethical issues in medicine.
Each student is in charge of their own body and must recognize that they will have to use their body for assignments and in class participation work.
Students will be required to talk and move in class (comfortable clothes, flat shoes or bare feet, and a yoga mat are required).
Students will have reflective assignments that include written work.
Students will be required to develop visual and movement-based models.
prereq: MATH 10100
3 hrs
3 cr.
spring only

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 23000 - Fundamentals of Microbiology

## GER

3/B
Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

## BIOL 23100 - Survey of Microbiology with Case Studies

BIOL 23100 utilizes the survey of microbial world content by adding case studies that will be investigated and discussed. Does not substitute BIOL 230 for Nursing Students.
prereq: BIOL 10200, CHEM 10400

3 hrs
3 cr .

## BIOL 25000 - Current Topics in the Biosciences (W)

## GER

3/B

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.
prereq or coreq: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr
3 hrs
3 cr .
fall only

## BIOL 30000 - Biological Chemistry

## GER

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 30100 - Biological Chemistry

Not accepted for credit toward the Biology major and is recommended for post-bacs who need a one semester course, but do not need a lab and recitation. Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in molecular biology.
coreq: CHEM 22200
3 hrs
3 cr.

## BIOL 30300-Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1 . Introduction: Cell morphology and commonly used techniques for
examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

## BIOL 30600 - Developmental Biology

## GER

3/B
Major topics include molecular and cellular mechanisms of early embryonic development in amphibians, mammals and model organisms such as Drosophila, as well as the related subjects of vertebrate organ system development, biology of stem cells and animal cloning. Emphasis is placed on seminal and current research in cell-cell communication, signal transduction and differential gene regulation in developmental processes.
prereq: BIOL 30000
3 hrs (lec)
3 cr .
fall only

## BIOL 32000 - Genetics

Regulation of gene expression, DNA replication and chromosome transmission. Genetic analysis of model genetic organisms. Classic and modern examples of genetic screens in eukaryotic model organisms. Human genetics, and human genetic diseases. Concepts in molecular evolution. Most topics will be illustrated by articles selected from the recent primary scientific literature.
prereq: BIOL 20300
3 hrs.
3 cr .

## BIOL 32200 - Evolution

## GER

3/B
Modern synthetic theory, genetic basis of variation, gene pool in populations.
prereq: BIOL 30000
3 hrs (lec)
3 cr .
not offered 2015-16

## BIOL 35000 - The Biology of Cancer

## GER

3/B

When a normal cell becomes a cancer cell there are genetic changes that occur that alter the biology of the cell such that it behaves independent of its neighbors. This course will investigate the altered biology of cancer cells that lead to uncontrolled proliferation and cancer. Topics include: cell culture, the cell cycle, hormones, receptors, intracellular signal transduction, oncogenes, tumor suppressor genes, apoptosis, metastasis, and the etiology of human cancer.
prereq: BIOL 20000, 30000, or perm instr.
3 hrs (lec)
3 cr.

## BIOL 36000 - Cellular and Molecular Immunology

## GER

3/B

Study of the immune system from a molecular perspective. Molecular genetics of antibody and T cell receptor diversity, hematopoiesis and lymphocyte development, humoral and cellular immunity, histocompatibility. prereq or coreq: BIOL 30000, perm instr.
4 hrs (3 lec, 1 disc)
3.5 cr .
spring only

## BIOL 37000 - Physiology of the Nervous System

## GER

3/B

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only

## BIOL 37500 - Molecular Systematics

## GER

3/B

An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest in phylogeny and population biology.
prereq: BIOL 30000 or perm instr.
3 hrs
3 cr.

## BIOL 37600 - Endocrinology

## GER

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

## BIOL 38000 - Molecular Neurobiology

## GER

3/B

Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

## BIOL 39000 - Laboratory in Cell Structure

## GER

3/B
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr .
fall only

## BIOL 39100 - Laboratory in Cell Structure -- Biological Electron Microscopy

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle.
Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultra-structures using a transmission electron microscope.
prereq or coreq: Instructor Permission
7 hrs.
4 cr .
spring only

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.
Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
$3 c r$.

## BIOL 45000 - Individual Tutorial in Biology

## GER

3/B

May be taken only once. Research paper written under the direction of a full-time faculty member in department of biological sciences.
prereq: 18 credits in biology, approval of adviser in addition to the sponsor
1-2 cr.

## BIOL 46000 - Introduction to Planning and Teaching of Laboratory Work in Biology

## GER

3/B

Participation in discussions and assisting in the teaching of laboratories in an introductory course, or peer mentoring in the undergraduate biological sciences research techniques facility.
prereq: 16 credits in BIOL, 12 credits in CHEM, 2 letters from faculty
5 hrs (2 planning, 3 lab)
2 cr.

BIOL 47000 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.
BIOL 47100 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem

## BIOL 48000 - Introduction to Experimental Biology

## GER

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times
prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.

## BIOL 48100 - Introduction to Experimental Biology

## GER

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg. TBA
1-2 credits per semester

## BIOL 48200 - Introduction to Experimental biology

## GER

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg. TBA
1-2 credits per semester

## BIOL 48300 - Introduction to Experimental Biology

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases,
under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
hrs TBA
1-2 cr. per sem.

## Biological Sciences: Courses Less Frequently Offered

BIOL 20800 - Ecology

## GER

3/B

## BIOL 22000 - Topics in Genetics and Evolution

## GER

3/B

Introduction to chromosome structure, mitosis and meiosis. Principles of Mendelian segregation. Linkage and eukaryotic gene mapping. Genetic analysis of mutations, and their use in genetic screens for gene discovery and pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution. prereq: BIOL 10000 or equiv.
3 hrs
3 cr.
spring only
BIOL 25200 - Comparative Anatomy of the Vertebrates

Pluralism and Diversity
GER 3/B

BIOL 28000 - Biochemistry of Health and Nutrition

GER
3/B

Basic biochemistry in areas related to human health and nutrition. Designed for students in the dietetics program.
(Not accepted for credit toward biology Major I.)
prereq: BIOL 10000, 10200 or 12000, 12200; CHEM10000, 12000
3 hrs (lec)
3 cr .
not offered 2014-15

BIOL 33500 - Comparative Animal Physiology

GER
3/B

## BIOL 34000 - Plant Physiology

## GER

3/B

## BIOL 38500 - Fundamentals of Developmental Neurobiology

GER
3/B

The course teaches the basic molecular processes underlying neural tissue specification, brain region-specific maturation, proper circuits formation and synapse assembly during the development of eukaryotic organisms. 3 hrs
3 cr .

## BIOL 40000 - Special Topics in Advanced Laboratory Techniques

## GER

3/B

Advanced laboratory techniques used in contemporary biological research, including areas such as immunology, microbiology and molecular neurobiology. Topics change from term to term.

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prereq: BIOL 30000 or perm instr.
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4 hrs (lab)
2 cr

## Chemistry

Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100; no student may receive credit for both CHEM 12000-12100 and 22200-22300.

## CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

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Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E
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Essential facts, laws, and theories of general chemistry.

Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec )
3 cr .
CHEM 10100 - Inquiries into the Nature of Matter

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Hunter Core
Life and Physical Sciences (LPS)
GER
GER 2/E
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A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr .

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core <br> Scientific World (SW); Life and Physical Sciences (LPS) <br> GER <br> 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10201 - General Chemistry 1 Recitation

Additional recitation for Learning Community and Honors groups (Macaulay and Yalow)
coreq: Chem 10200
1 hr .
0 cr.

## CHEM 10300 (STEM) - General Chemistry Laboratory I

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

## CHEM 10400 (STEM) - General Chemistry II

Hunter Core<br>Life and Physical Sciences (LPS) Scientific World (SW)<br>GER<br>2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10500 (STEM) - General Chemistry Laboratory II

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Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .
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## CHEM 10600 (STEM) - General Chemistry Laboratory

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Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
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## CHEM 11100 (STEM) - Chemical Principles

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

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Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic
nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral
presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
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prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

## CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)

## GER

2/E
The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

## CHEM 11500-Introductory Chemistry

An introduction to the fundamental concepts in chemistry including atomic and molecular structure, chemical bonding, stoichiometry, and solution chemistry.
This course is appropriate for students who have had no prior coursework in chemistry.
prereq or coreq: MATH 12500
4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

## Hunter Core

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

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prereq: CHEM 10000
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4 hrs (3 lec, 1 rec )
3 cr .

## CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

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prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.
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## CHEM 15000 - Peer-Led Teaching in Chemistry

Students learn to become peer-leaders for workshops held in either Essentials of Chemistry, General Chemistry, or Organic Chemistry Topics include: multiple intelligences and differences in learning styles; basic theory of learning; issues related to race, class and gender.
prereq: CHEM 12000, CHEM 10400, or CHEM 11200 and perm dept.
2 hrs
1 cr .

## CHEM 22200 - Organic Chemistry Lecture I

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

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prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
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## CHEM 22300-Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## CHEM 22301 - Organic Chemistry 1 Lab Rec

Recitation required for Organic 1 Laboratory
1 hr .
0 cr

## CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22500-Organic Chemistry Laboratory II

## GER

3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
$2.5 c r$

## CHEM 22501 - Organic Chemistry 2 Lab Rec

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Recitation required for Organic 2 Laboratory
l
0
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CHEM 24900-Quantitative Analysis

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (4 lab, 1 rec )
3 cr .

## CHEM 29101-Chemical Investigations

## Pluralism and Diversity

GER 3/B
Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
4 hrs
1 cr .

## CHEM 29102 - Chemical Investigations

## Pluralism and Diversity

GER 3/B
Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
8 hrs
2 cr .

## CHEM 29500 - Introduction to Planning and Teaching of Laboratory Work in Chemistry

Participate in supervised teaching experiments that demonstrate important principles of chemistry.
prereq: CHEM 10400, CHEM 10500, two letters from faculty who have taught the student
5 hrs (2 planning, 3 lab)
2 cr .

## CHEM 32200-Organic Chemistry Lecture III

GER
3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.
prereq: CHEM 22400 with grade of C or better, perm instr.
3 hrs
3 cr .

## CHEM 33300 - Computational Drug Discovery

Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.
prereq: CHEM 37600 or BIOL 30000 or permission of the instructor
3 hrs
3 cr.

## CHEM 34900 - Instrumental Analysis

## Pluralism and Diversity

GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.
prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr

## CHEM 35000-Biophysical Chemistry

## Pluralism and Diversity

GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr

## CHEM 35200-Physical Chemistry I

## GER

3/B
Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
prereq: CHEM 24900, MATH 15500, PHYS 12100 all with grade of C or better
3 hrs
3 cr .
offered fall

## CHEM 35400-Physical Chemistry II - F

## Pluralism and Diversity

GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr .
offered fall

## CHEM 35500-Physical Chemistry Laboratory I

## GER

3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr .
offered fall

## CHEM 35600-Physical Chemistry II - S

```
GER
GER 3/B
```

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr.
offered spring

## CHEM 35700-Physical Chemistry Laboratory II

```
Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
```

prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr .
offered spring

## CHEM 36000 - Introduction to Nanotechnology

This course introduces students to the underlying principles and applications of the emerging fields of nanotechnology and nanoscience. Intended for a multidisciplinary audience with a variety of backgrounds, the course introduces tools and principles relevant at the nano scale dimension. The course discusses current and future nanotechnology applications in engineering, materials, physics, chemistry, biology, electronics, and energy.

```
prereq: CHEM 35000 or CHEM 35200
```

coreq: CHEM 35600
3 hrs

3 cr .
CHEM 36600-Inorganic Chemistry

GER
GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.
prereq: CHEM 35200 with grade of C or better
3 hrs
3 cr .

## CHEM 36800-Structural Biology

This course introduces students to the applications of molecular spectroscopy and other emerging techniques used to study the structure, the molecular interactions and the self-assembly of biomolecules. The course will be taught in a mixed format including lectures, computer laboratory projects, student-led discussions on journal papers, and a final writing/oral presentation project.
prereq: CHEM 37600 and either CHEM 35000 or CHEM 35200
prereq or coreq: CHEM 37700
3 hrs
3 cr .

## CHEM 37600-Biochemistry I

## GER

3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 37700-Biochemistry II

## GER

3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
3 cr .

## CHEM 37800-Biochemistry Laboratory

## GER

3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.

## CHEM 38800 - Topics of Current Interest in Chemistry

## Pluralism and Diversity

GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.
prereq or coreq: CHEM 35200 and CHEM 35600 or perm instr.
3 hrs
3 cr .

## CHEM 39000 - Current Laboratory Methods in Chemistry

```
Pluralism and Diversity
GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.
```

prereq or coreq: CHEM 35700 or perm instr.
4 hrs
2 cr .

## Chemistry: Honors Course

## CHEM 49101 - Introduction to Research

## Pluralism and Diversity

GER 3/B
Open to Jr/Sr only. Similar to CHEM 29101. Written report required. Fulfills requirement for departmental honors course.
prereq: CHEM 22400, 35400, 34900, perm chair
4 hrs
1 cr .

## CHEM 49102 - Introduction to Research

## Pluralism and Diversity

GER 3/B
Open to Jr/Sr only. Similar to CHEM 29102. Written report required. Fulfills requirement for departmental honors course.
prereq: CHEM 22400, 35400, 34900, perm chair

8 hrs
2 cr .

## Chinese Culture and Literature in Translation

## CHIN 11100-Chinese Culture I

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3cr.
```

CHIN 11200 - Chinese Culture II

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English. 3 hrs
3 cr.

## CHIN 21100 - Topics in Chinese Culture

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.
3 hrs
3 cr .
CHIN 25100 - Topics in Chinese Literature in English Translation (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3cr.
```

CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr.

## CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A
Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr .

## CHIN 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr.

## Chinese Language and Literature

## CHIN 10100 - Elementary Chinese I

## Hunter Core

World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr .
offered fall

## CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs

```
3 cr.
offered spring
```


## CHIN 10500 - Chinese Writing System and Calligraphy I

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours
3 credits
offered fall

## CHIN 10600 - Chinese Writing System and Calligraphy II

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours
3 credits
offered spring

## CHIN 10700 - Intensive Elementary Chinese

Equivalent to material covered in CHIN 10100 and CHIN 10200.

6 hrs
6 cr .

## CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabularybuilding.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

## CHIN 20200 - Intermediate Chinese II

Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr.
offered spring

## CHIN 20700 - Intensive Intermediate Chinese

Equivalent to material covered in CHIN 20100 and CHIN 20200 .
prereq: CHIN 10200 or 10700
6 hrs
6 cr .

## CHIN 30100 - Journalistic Chinese Literature I

Intensive reading of literature and essays written in journalistic style.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

## CHIN 30200 - Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3 cr .
offered spring

## CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles. prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

## CHIN 30400 - Classical Chinese Literature II

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.
prereq: CHIN 303 or equiv.
3 hrs
3 cr .
offered spring

## CHIN 30600-20th-century Chinese Literature

## Pluralism and Diversity

PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.

## CHIN 30700 - Classical Chinese Poetry

```
Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs
3cr.
```


## CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.

## CHIN 40200 - Independent Study in Chinese Literature

Independent study and research in Chinese literature under supervision of a faculty member.
For majors only.
prereq: CHIN 40100, perm chair
3 hrs
3 cr.

## Classical Literature (in English)

## CLA 25000-Greek and Roman Tragedy (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

## CLA 25100 - Ancient Comedy (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C
Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr .
CLA 25300 - Homer and Vergil (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

## CLA 25400 - The Ancient Novel in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
prereq: ENGL 22000 or perm instr.
3 hrs
3 cr .

## Classics: Ancient Culture

## CLA 10100 - Classical Mythology

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
```

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr .

## CLA 11000 - The Greek and Latin Roots of English

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C
```

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.

3 hrs
3 cr .

## CLA 20100-Greek Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 20200-Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000, CLA 20100 or 20400
3 hrs
3 cr .

## CLA 20300 - Roman Civilization (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr.

## CLA 24000 - Topics in Classics

Examination of specific areas of classical culture, such as literature, language, or numismatics.
prereq: ENGL 120
3 hrs
$3 c r$.

Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
$3 c r$.

## CLA 30300-Religion of Ancient Greece (W)

## Pluralism and Diversity <br> GER 3/A <br> The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice. <br> prereq: ENGL 12000, CLA 10100 or 20100 <br> 3 hrs <br> 3 cr .

## CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER
3/A
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 30500 - Women and Slaves in Classical Antiquity (W)

## Pluralism and Diversity

PD/C or D
GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class. cross-listed WGSC $30500(\mathrm{~W})$ prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
$3 c r$.

## CLA 30600 - Special Studies in Ancient Greek Culture

Examination of specific areas of Greek life. Topics vary from year to year. prereq: ENGL 12000
3 hrs
$3 c r$.

## CLA 30700 - Special Studies in Ancient Roman Culture

```
Pluralism and Diversity
PD/D
Examination of specific areas of Roman life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3cr.
```

CLA 30800 - Magic and Science in the Ancient World (W)

GER
3/A

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 31000 - Ancient Sports and Spectacles (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 42100 - Independent Study in Classics

Open to majors only.
prereq: ENGL 12000, perm dept.
1-3 cr.

## CLA 49100 - Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.
prereq: ENGL 12000, perm dept.
3 hrs
3 cr .

## CLA 49800 - Internship

prereq: ENGL 12000, perm dept.
1-6 cr.

## Community Health

## COMHE 15200 - Bodies Using Bodies

GER
2/B

This course addresses the medical, technical, organizational, and ethical issues that arise when human beings make use of the bodies, organs, tissues, or cells of other people to enhance their own well-being.The course takes a crossdisciplinary approach to contemporary issues in the health sector that involve the use of human bodies for the benefit of others. It is aimed at pre-majors or students interested in issues in the area of society and health.

3 hrs
3 cr .

## COMHE 20000 - Controversial Issues in Health and Health Care

Contemporary health controversies examined through the disciplines of community and public health and health care. prereq: none
3 hrs
3 cr.

## COMHE 30100 - Introduction to Community and Public Health

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on communities - geographic, identity-based, or virtual, as the focus for research and intervention.
prereq: acceptance to the COMHE major, or permission of the instructor.

3 hrs
3 cr .
COMHE 30200 - Principles of Health Promotion

Introduction to community health methods; presentation skills, learning theories.
prereq: acceptance to the COMHE major, or permission of instructor
3 hrs
3 cr .

## COMHE 30300-Social Structure and Health (W)

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the COMHE major, or permission of the instructor

3 hrs
3 cr .

## COMHE 30400 - Introduction to Health Communication Theory and Practice

An introduction to the field of health communication with a particular emphasis on theoretical constructs, case studies and U.S. and international practical models and applications. Highlights the multidisciplinary and multifaceted nature of health communication and its contribution to the achievement of behavioral, social and organizational objectives as one of the keys to public health interventions.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr.

## COMHE 30600-Social Disparities in Health

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.
prereq: acceptance to the COMHE major or permission of the instructor.

3 hrs
3 cr.

## COMHE 32400 - Human Sexuality

Study of interaction of social, affective, and behavioral dimensions of sexuality, including gender identity, with a particular focus on the way sexuality shapes community health.
prereq: none
3 hrs
3 cr

## COMHE 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

## COMHE 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .

## COMHE 40500 - Health Care Systems and Health Policy

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.
prereq: Acceptance to the COMHE major or permission of the instructor.
3 hrs
3 cr .

## COMHE 40800 - Digital Media and Health

An introduction to key technological advances and current use of new media (Internet and other digital media, mobile technology, etc.) to communicate about health issues as part of broad community based public health and health communication interventions. It also provides students with practical skills in creating media for health promotion. prereq: Acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

## COMHE 41100 - Community Health Assessment

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

## COMHE 41200 - Directed Fieldwork Practicum

200 hours summer internship to gain experience in community health setting, culminating in production of e-portfolio. prereq: acceptance to the COMHE major or permission of instructor
3 hrs
3 cr .

## COMHE 41300 - Research Symposium

Overview of quantitative and qualitative research methods and issues in study design and analysis.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

## COMHE 48010 - Independent Study

Total credits in independent study courses and honors may not exceed 6 .
prereq: perm director
hrs TBA
1-3 cr. respectively

## COMHE 48020 - Independent Study

Total credits in independent study courses and honors may not exceed 6.
prereq: perm director
hrs TBA
1-3 cr. respectively

## COMHE 48030 - Independent Study

Total credits in independent study courses and honors may not exceed 6.
prereq: perm director
hrs TBA
1-3 cr. respectively

COMHE 49000 - Honors

Total credits in independent study courses and honors may not exceed 6 .
prereq: perm director
hrs TBA
3 cr.

## Comparative Literature

## COMPL 30100 - Seminar: Approaches to Comparative Literature

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary.
Required of all majors in comparative literature.
3 hrs
3 cr .

COMPL 32000 - Comparative Studies in Prose Fiction

May be taken more than once when content varies.
3 hrs
3 cr

COMPL 32100 - Comparative Studies in Prose Fiction

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 33000 - Comparative Studies in Drama

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 33100 - Comparative Studies in Drama

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 34000 - Perspectives on Literature and the Arts

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 34100 - Perspectives on Literature and the Arts

May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 35000 - Comparative Studies in Literary Movements

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 35100 - Comparative Studies in Literary Movements

May be taken more than once when content varies.
3 hrs
3 cr .
COMPL 37000-Comparative Studies in Myth and Folklore

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 37100 - Comparative Studies in Myth and Folklore

May be taken more than once when content varies.
3 hrs
3 cr .
COMPL 38000 - Selected Topics in Comparative Literature

May be taken more than once when content varies.
3 hrs
3 cr .

## COMPL 38100 - Selected Topics in Comparative Literature

May be taken more than once when content varies.
3 hrs
3 cr.
COMPL 39000 - Honors Project
prereq: completion of 9 cr. in COMP-prefixed courses
3 hrs
3 cr .

COMPL 39100 - Honors Project
prereq: completion of 9 cr . in COMP-prefixed courses
3 hrs
3 cr .

## Computer Science

## CSCI 11500 - Computer Technology in Childhood Education

Open only to students in QUEST program. Students learn to use a number of software tools and applications that can be infused into the curriculum of the elementary school. Includes a focus on information retrieval using Internet resources and use of such application packages as Miosoft Excel, Miosoft Power Point, Inspiration and Timeliner. prereq or coreq: QSTA 40000
3 hrs (1 lec, 2 lab)
2 cr.

## CSCI 12000 - Introduction to Computers

## Hunter Core

Scientific World (SW)
GER
2/E

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues.
This course cannot be counted towards the CSCI major
prereq: none
3 hrs
3 cr .

CSCI 12100 - Computers and Money: Quantitative Reasoning in Context

```
Hunter Core
Math and Quantitative Reasoning (MQR)
GER
1/B
```

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics-stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet- based approach to understanding issues of money and personal finance. This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor. prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr.

## CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr.

## CSCI 13300 - Programming for Everyone

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

A comprehensive practical course in programming that concentrates on producing working software for games,
simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr .

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment.
May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr .

## CSCI 16000 - Computer Architecture I

## GER

3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## CSCI 17200 - Topics in Creative Problem Solving

CSCI 172 is a pass/fail (CR/NC) faculty-supervised workshop that meets ten times per semester. Each workshop explores a different applied topic in computer science. An undergraduate peer leader presents slides, guides discussions, and engages the participants in activities that emphasize collaborative problem solving. This course explores the role of teamwork and in-class activities to improve student retention, with particular interest in underrepresented populations in computer science.

Special conditions: The course meets 10 times for 1 hour 15 minutes ( 75 minutes). Adjusted for credit hours, the semester total is the 15 hours required for a 1-credit course. The class meets on the bell schedule for ten 75 -minute sessions per semester. The special conditions are that CSCI 172 meets once rather than twice a week and meets during only ten of the 15 weeks of the semester.
1 hr
1 cr.

## CSCI 18100 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computeraided instruction.
Credits may not be used toward the computer science major.
prereq: declared computer science major with 18 credits completed in the department
1-3 hrs
1-3 cr.

## CSCI 18200 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computeraided instruction.
Credits may not be used toward the computer science major.
prereq: declared computer science major with 18 credits completed in the department
1-3 hrs
1-3 cr.

## CSCI 18300 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computeraided instruction.
Credits may not be used toward the computer science major.
prereq: declared computer science major with 18 credits completed in the department
1-3 hrs
1-3 cr.

## CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .
CSCI 23300 - Programming Projects Seminar for Minors

This course will serve as a capstone for the minor, affording students the opportunity to write reasonably large and complex programs. Students will be expected to draw topics for these programs from their majors or other areas of interest. This course does not count toward the computer science major.
prereq or coreq: CSCI 13300 and 23200 and a declared Computer Science Minor.
2 hrs.
1 credit

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr.

## CSCI 24500 - Computer Architecture II

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 145, CSCI 150, MATH 150
3 hrs
3 cr .

## CSCI 26000 - Computer Architecture II

## GER

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr .

## CSCI 26500 - Computer Theory I

## GER

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 26700 - Microprocessors and Embedded Systems

## GER

3/B

Students will assemble and program a small single board computer to control, or simulate control of, some device.
prereq: CSCI 13300 or 26000
3 hrs
3 cr .

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 34000-Operating Systems

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## CSCI 35000 - Artificial Intelligence

GER
3/B

A survey of artificial intelligence including search and control, knowledge representation, logic and theorem proving, learning, natural language and AI programming.
prereq: CSCI 235
3 hrs
3 cr .

## CSCI 35300 - Machine Learning

Machine learning is the subfield of artificial intelligence that learns to predict and classify from data. This interdisciplinary course explores how a machine learns to predict and classify.
prereq: Prerequisites: CSCI 23500 and CSCI 15000, or permission of the instructor

3 hrs .
3 cr .

## CSCI 35500 - Introduction to Linear Programming

GER
3/B

Introduction to operations research and game theory. Simplex method; inconsistency, redundancy and degeneracy problems; two-phase method; duality; transportation problems.
prereq: CSCI 235, MATH 160
3 hrs
3 cr .

CSCI 36000 - Computer Architecture III

GER
3/B

High performance computer architectures, including massively parallel SIMD and MIMD machines and distributed architectures.
prereq: CSCI 26000 or 24500; MATH 15500
3 hrs
3 cr .

CSCI 36500 - Computer Theory II

GER
3/B

Turing machines, Post machines, Post's theorem, Minsky's theorem. Determinism and non-determinism.
Undecidability, the halting problem. Recursive function theory.
prereq: CSCI 265
3 hrs
3 cr .

CSCI 39100 - Independent Study in Computer Science

GER
3/B

Independent work, under the direction of a faculty member, in practical aspects of computing.
CSCI 39100 is repeatable up to a total of 6 credits; however, no more than a total of three Independent Study credits may be used toward the computer science major.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

CSCI 39200 - Independent Study in Computer Science

GER
3/B

Independent work, under the direction of a faculty member, in practical aspects of computing. prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 39300 - Independent Study in Computer Science

GER
3/B

Independent work, under the direction of a faculty member, in practical aspects of computing. prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 39400 - Topics in Computer Science

GER
3/B

An introduction to programming in Python, Perl and PHP.
prereq: Prerequisites vary by topic and are announced prior to registration.
2 hrs
2 cr .

## CSCI 39500-Topics in Computer Science

## GER

3/B

Topics include internet security, web programming, genetic algorithms, expert systems and others.
Prerequisites vary with specific topics and are announced prior to registration.
3 hrs
3 cr .

## CSCI 40500 - Software Engineering

## GER

3/B
Problems in large-scale software development including functional analysis of information processing systems, system design concepts, timing estimates, documentation and system testing.
prereq: CSCI 33500
3 hrs
3 cr .
CSCI 41500 - Data Communications and Networks

GER
3/B

> A broad technical introduction to the components, protocols, organization, industry and regulatory issues that are fundamental to the understanding of contemporary computer networks.
> prereq: CSCI 33500,34000
> 3 hrs
> 3 cr .

## CSCI 43500 - Database Management

## GER

3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages. prereq: CSCI 33500
3 hrs
3 cr .

## CSCI 45000 - Language Translation

## GER

3/B

The theory and application of language recognition and analysis techniques, as they pertain to both formal programming languages and to natural languages. Includes lexical, syntactic and semantic analysis methods, as well as discussions of efficient data representation.
prereq: CSCI 26500, 33500
3 hrs
3 cr .

## CSCI 46000 - Advanced Programming Languages

## GER

3/B

Survey course on the design and implementation of modern programming languages. Includes object-oriented, functional, logic and concurrent/ distributed paradigms.
prereq: CSI 26500, 33500
3 hrs
3 cr .

## CSCI 49300 - Honors Seminar

## GER

3/B

Topics include Unix systems programming, computer law, 3D vision, Windows programming, neural networks, speech and language processing, fuzzy systems and other areas. Prerequisites vary with specific topics and are announced prior to registration.
prereq: Prerequisites vary with specific topics and are announced prior to registration.

3 hrs
3 cr .

## CSCI 49366 - UNIX System Programming

## GER

3/B

An introduction to the key components of the UNIX application programming interface, including files, processes, terminal control, signals, interprocess communication, the ncurses library, and multi-threading. Includes basic of the internal structure of the UNIX operating system, and selected user-level utilities and commands for efficient programming and working in UNIX.
prereq or coreq: CSCI 23500, 34000
3 hours
3 credits

## CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.
prereq: CSCI 13500 and CSCI 23200 or CSCI43500, or permission of the instructor
3 hrs
3 cr .

## CSCI 49600 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 49700 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 49800 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area.

These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
$4 c r$.

## Dance: Creative Theory and Performance Courses

## DAN 22100 - Improvisation as a Creative Process I

GER
3/A
Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .

## DAN 32100 - Composition I

## Pluralism and Diversity

GER 3/A
Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.
prereq: DAN 22100, permission of dept.
$4 \mathrm{hrs}, 2 \mathrm{hrs}$ open studio
2 cr .
DAN 32400 - Production I

GER
3/A
Practical experience in all aspects of production that contribute to realization of student's choreographic intentions: costumes, sets, lighting, publicity and business skills.
prereq: DAN 32200 or perm dept.

## DAN 42100 - Composition II

## GER

3/A

Continued application of basic principles of composition; conception, planning and realization of complete dances; preparation of dances for concert by integrating all aspects of production. Two additional hours of open studio are recommended for this course.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32100, perm dept.
4 hrs, 2 hrs open studio
2 cr .

## DAN 42200 - Choreographic Projects

## GER

3/A

Independent student choreographic works in preparation for performance in concert. Registration once per academic year.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32100
4 hrs
3 cr .

## DAN 42400 - Production II

## GER

3/A

Practical application of advanced production skills.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32400
3 hrs, 3 hrs open studio
3 cr .

## DAN 43200 - Repertory I

## GER

3/A
Open to dance majors and minors only. Performance course for advanced students. A dance is learned from professional choreographer's repertory and performed in concert. The choreographer and choreographic material change every semester. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors
and minors in order to assure that required coursework will be completed in time for graduation.
prereq or coreq: DAN 31000, 32100 or perm instr, audition
4 hrs, 2 hrs open studio
3 cr .

## DAN 43300 - Repertory II

## GER

3/A

Open to dance majors and minors only. Continuation of DAN 43200. A new dance is created by a professional choreographer and performed in concert. The choreographer and choreographic material change every semester. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32000, 43200 or perm instr, audition
$4 \mathrm{hrs}, 2 \mathrm{hrs}$ open studio
3 cr .

## DAN 44000 - Lecture/Demonstration Touring Group

## GER

3/A

Performance of prescribed choreography in lecture/ demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation. prereq: DAN 22000, 22100, 24500, perm dept.
4 hrs
3 cr.

## Dance: Technique Courses

A placement class or departmental permission is required for all students enrolling in dance technique courses, excepy for 100 level courses. This class is held either in the week before the start of each semester or in the first class session. (See Dance Program for date and procedure). Students who are registered but do not pass the audition will be asked to drop the course. Registered students who miss the placement class or the first day of class must notify the dance office before the first class session and may be asked to drop the course. Final placements and permission to continue in a given course are determined in the first class meeting for all technique courses.

## DAN 10100 - Fundamentals of Contemporary Dance Technique

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .

3 hrs
2 cr .

## DAN 14500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
2 cr.

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr.

## DAN 21000 - Contemporary Dance Technique I

## GER

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .

## DAN 22000 - Contemporary Dance Technique II

## GER

3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr.

DAN 24500 - Ballet I

GER
3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
2 cr.

## DAN 25100 - Folk Forms of Dance II

## GER

3/A

Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills.
prereq: DAN 15100
3 hrs
1 cr .

## DAN 25200 - Special Topics: Traditional Dance I

```
Pluralism and Diversity
GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics
vary. May be taken twice for credit with permission of department.
prereq: placement class
4 hrs
2cr.
```


## DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity

## GER 3/A

Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.
prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

## DAN 32000 - Contemporary Dance Technique IV

```
Pluralism and Diversity
GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on
clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department
4 \text { hrs}
2cr.
```


## DAN 34500 - Ballet II

## GER

3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
2 cr .

## DAN 35200 - Special Topics: Traditional Dance II

Pluralism and Diversity
PD/A
GER
3/A

Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr .

DAN 44500 - Ballet III

Advanced-level ballet technique. Continued study of classical ballet vocabulary, with reference to historic and contemporary stylistic conventions. Emphasis on advanced proficiency of dance concepts, application of sound anatomical practices, and refinement of musicality and artistic interpretation. May be taken two times for credit with permission of the department.

2 cr.

## Dance: Theoretical and Scientific Aspects of Dance Courses

DAN 10200 - Dance, Dancers and the Audience

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
3 cr.

## DAN 21300 - Basic Musicianship for Dancers

## GER

3/A

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 21000
3 hrs
2 cr.

## DAN 23200-20th-Century Dance History

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
3 cr .

DAN 35000 - Anatomy and Kinesiology for Dancers

## GER

3/A

Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, perm dept.
3 hrs
3 cr .
DAN 46100 - Seminar in Dance

GER
3/A

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the sociopolitical climate of our times in relation to art.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 31000, DAN 32100
3 hrs
3 cr.
DAN 48000 - Independent Study in Dance

GER
3/A
In-depth study in area of special interest for qualified students under direction of faculty adviser.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 15 dance received at Hunter, major GPA 3.0, overall GPA 2.5. Open to dance majors and minors only.
3-9 hrs
1-3 cr.

## DAN 49000 - Honors in Dance

## GER

3/A
Open to $\mathrm{Jr} / \mathrm{Sr}$ Dance majors only. Individual study leading to completion of honors essay or production book in creative performance.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 18 dance, major GPA 3.5, overall GPA 2.8
hrs TBA
1-3 cr.

## DAN 49800 - Internship

## GER

3/A
Open to dance majors with 15 credits in dance from Hunter.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32400
hrs TBA
3-6 cr.

## Economics: Introductory Course

## ECO 10000 - Introduction to Economics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

## Economics: 200-Level Core Courses

## ECO 20000 - Principles of Microeconomics

Hunter Core<br>Scientific World (SW)<br>GER<br>2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 22000-Techniques of Economic Analysis

GER
3/B

Mathematical techniques applied to economic models.
prereq: ECO 20000; MATH 12500 or exemption from the course
3 hrs
3 cr .

ECO 22100 - Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr.

## Economics: 200-Level Elective Courses

## ECO 21000 - Money and Banking

GER
3/B

Monetary and banking principles and practice; current issues; theory and policy.
prereq: ECO 20000, 20100
3 hrs
3 cr .

## ECO 23300 - Economics of the Media

Provides an introduction to the economics of the media. The course uses the toolkit of economic analysis to understand the structure of media industries, the characteristics of media products, the effects of regulation in media markets, and changes brought about by digital technology.

Economics of the Media is a quantitative analytical course requiring a solid understanding of microeconomic principles and also basic statistics.
prereq: ECO 10000 or ECO 20000
3 hrs .
3 cr .

ECO 26000 - Business Organization and Management

GER
3/B

The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the
internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.
prereq: ECO 20000
3 hrs
3 cr .
ECO 29500 - Selected Topics in Economics

GER
3/B

Special topics and issues of research and policy interest. Topics vary each semester. May be repeated for a total of 6 credits.
prereq: ECO 20000 or 20100
3 hrs
$3 c r$.

## Economics: 300 and 400 Level Advanced and Elective Courses

## ECO 30000 - Intermediate Microeconomics

GER
3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
$3 c r$.
ECO 30100 - Intermediate Macroeconomics

GER
3/B
Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
$3 c r$.
ECO 31000 - Financial Institutions

GER
3/B
Operation, administration and regulation of U.S. banking, investment and credit institutions.
prereq: ECO 21000
3 hrs
3 cr .

## ECO 31500 - Public Finance

## GER

3/B

Theory and application of fiscal policy; federal budgeting; state and local finance.
prereq: ECO 20000
3 hrs
3 cr .

## ECO 32100 - Introduction to Econometrics

## GER

3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq: ECO 22100, MATH 15000
3 hrs
3 cr .

## ECO 33000-Economic Development

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr .

## ECO 33700 - Mathematical Foundations of Economics

An advanced undergraduate course in mathematical methods for economists. The course is designed to introduce students to the mathematical techniques used in advanced study of economics and in professional and academic economic research.
prereq: ECO 30000 or equivalent and MATH 15000 or exemption from the course.
3 hrs
3 cr .

## ECO 33900-Strategies and Games in Economics

A critical introduction to applications of game theory in economics. Applications include the analysis of conflict, trust and cooperation, firms' strategic behavior in concentrated markets, and herd behavior and panics in financial markets. We extend basic game-theoretic models to incorporate asymmetric information and mechanism-design, studying how the rules of a game or the initial distribution of information might affect equilibrium outcomes and therefore how to select optimal rules that govern interactions. Questions addressed include the design of compensation and incentive contracts; voting models and political-economic equilibria; how firms choose their financial structure; and how and why laws and constitutions are chosen to be what they are.
prereq: ECO 30000 or equivalent
3 hrs.
3 cr .

## ECO 34000 - International Trade

## GER

3/B
Theories of international trade and international trade policies.
prereq: ECO 20000
3 hrs
$3 c r$.

## ECO 34100 - International Finance

## GER

3/B

Theories of exchange-rate determination and open-economy macroeconomic theory and policy.
prereq: ECO 20100
3 hrs
3 cr .

## ECO 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, "human capital" investments, labor market policy issues.
cross-listed WGSL 34500
prereq: ECO 20000
3 hrs
3 cr.

## ECO 35000 - Comparative Economic Systems

Pluralism and Diversity
PD/D
GER
3/B

Comparative analysis of market and planned economies in theory and practice. Process and problems of transitions between planned and market economies.
prereq: ECO 20000, 20100
3 hrs
3 cr .

## ECO 35500 - Business Strategy \& Industrial Organization

## GER

3/B

Analysis of the strategic behavior of firms in markets with imperfect competition and the role of public policy in regulating these markets.
prereq: ECO 20000
3 hrs
3 cr .

## ECO 35600 - Business and Public Policy

## GER

3/B
Analysis of the intersection between business and government in market economies. Topics may include protection of intellectual property, economic regulation, health and safety regulation, antitrust, and the behavior of private firms in the political and social realms.
prereq: ECO 20000
3 hrs
3 cr .
ECO 36000-Managerial Economics

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GER
GER 3/B
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Theory of the firm, risk and uncertainty; forecasting, capital allocation, analysis of costs and returns, pricing. prereq: ECO 20000
3 hrs
3 cr .

## ECO 36500 - Corporate Finance

Pluralism and Diversity
GER 3/B
GER
GER 3/B

Analysis of corporate investment and financing decisions.
prereq: ECO 20000 and either ECO 22100 or STAT 21300
3 hrs
3 cr .

ECO 36600-Security and Investment Analysis

GER
GER 3/B

Operation of the stock market; security analysis and evaluation; economic variables influencing security values.
prereq: ECO 36500
3 hrs
3 cr .

## ECO 37000 - Law and Economics

## GER

3/B
Analytical tools of microeconomics are used to examine various aspects of the law, including property, contracts, torts, liability, and criminal and family law.
prereq: ECO 20000
3 hrs
3 cr .
ECO 39000 - Independent Study in Economics

## GER

3/B
Open to economics majors and minors. Individual readings, tutorials, research. Written report. May be repeated for total of 6 cr . Not open to accounting majors.
prereq: perm chair and faculty sponsor
3 hrs
3 cr .
ECO 39500 - Selected Topics in Economics

## GER

3/B
$\mathrm{Jr} / \mathrm{Sr}$ majors only. Special readings, research and seminar discussions on selected topics announced each semester. May be repeated for a total of 6 cr .
3 hrs
3 cr .

## ECO 42600 - Computer Applications in Economics

Acquisition of computer skills and their application to empirical economic analysis.
prereq: ECO 22100 and declaration of economics major
3 hrs
3 cr .

## ECO 49500 - Selected Topics in Economics

$\mathrm{Jr} / \mathrm{Sr}$ majors only. Special readings, research papers and seminar discussions on selected advanced topics announced each semester. May be repeated for total of 6 cr .
prereq: ECO 30000 or 30100
3 hrs
3 cr .

## ECO 49600 - Honors Seminar in Economics

$\mathrm{Jr} / \mathrm{Sr}$ majors only. Special readings, research and seminar discussions on selected topics announced each semester. May be repeated for total of 6 cr .
prereq: 3.5 GPA in economics, perm chair
3 hrs
3 cr.

## ECO 49800 - Internship in Economics of Accounting

Opportunities for working in positions of responsibility in professional institutions (including government agencies, private firms and not-for-profit institutions) for academic credit. The position must provide opportunities for learning about some area of economics, accounting, business or related public policy. Credits may not be used towards the requirements for the economics or accounting major. CR/NC grading is mandatory.
prereq: Open only to qualified economics or accounting majors, upper Junior/Senior only. Enrollment is subject to approval of department adviser. Course may be taken no more than twice.
1 hr
1 cr .

## ECO 49900 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Supervised individual research and directed reading. Honors essay. prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr.

## Economics: Accounting and Business Law

## ACC 22500 - Survey of Accounting

An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision- making process such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations (See attached sample syllabus).
For non-accounting majors only.
prereq: none (cannot be used towards Accounting major)
3 hrs
3 cr .

## ACC 23000 - Essentials of Business Law

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable
instruments, secured transactions and bankruptcy, business entities.
For non-accounting majors only.
prereq: none (cannot be used towards Accounting Major)
3 hrs
3 cr .

## ACC 27100-Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr .

## ACC 27200 - Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.
efffective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr .

## ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code. prereq: sophomore standing or perm chair
3 hrs
3 cr .

## ACC 36700 - Analysis of Financial Statements

## GER

GER 3/B

Analysis, interpretation, and use of financial statements.
note: This course does not count as an elective towards the Economics major.
prereq: ECO 37200 and ECO 36500 or adviser's permission
3 hrs
3 cr .

## ACC 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
3 cr .

ACC 37200-Intermediate Accounting II

Revenue recognition; accounting for equities, income taxes, pensions, leases, price level changes.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better.
3 hrs
3 cr .

## ACC 37300 - Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100, all with a grade of C or better
3 hrs ,
3 cr .

## ACC 37400-Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better
3 hrs
3 cr.

## ACC 38000 - Business Law II

Legal aspects of business organizations; agency, partnership and corporate relationships. prereq: ACC 28000
3 hrs
3 cr .

## ACC 47100 - Advanced Accounting I

Accounting for branches and business combinations. Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .

## ACC 47200-Advanced Accounting II

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy. effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 and ACC 37300 all with a grade of C or better
3 hrs
3 cr.

## ACC 47500 - Auditing

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements. prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better prereq or coreq: ACC 47100 with a grade of C or better
4 hrs
4 cr.

## ACC 47600-Computer Accounting Systems

Computer in modern accounting systems. Development of facility with current spreadsheet and accounting software. prereq: ACC 37200 and declaration as an accounting major
3 hrs
3 cr.

## ACC 48000 - Business Law III

Sales and financing devices under Uniform Commercial Code; property; trusts and estates; bankruptcy; other selected topics.
prereq: ACC 38000
3 hrs
3 cr .

## ACC 49000 - Accounting \& Auditing Research

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.
prereq: ECO 22100
prereq or coreq: ACC 47500
3 hrs
3 cr .

## Economics: Courses Less Frequently Offered

## ECO 30500 - Development of Economic Thought

GER
3/B

GER
3/B
ECO 33600-Regional Economics

GER
3/B

ECO 34600 - The Labor Movement

GER
3/B
ECO 35200 - Economics of the Caribbean

GER
3/B
ECO 42100 - Econometrics

## Education: Adolescent

## SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards. 3 hrs
3 cr .

## SEDC 21100 - Young Adult Literature in Our Diverse Society

Familiarizes prospective teachers with a wide variety of literature for or about young adults. Books discussed and dramatized during each session reflect diverse cultures, varying learning styles, and special needs of young adults. The English language arts standards are addressed as delineated in city and state regulations. Literacy and comprehension skills are explored as well.
prereq or coreq: SEDF 20300, 20400
3 hrs
$3 c r$.
SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 21500 - Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12

Rationales and methodologies for teaching social studies based on current theories of the nature of students, the social sciences and secondary schooling.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr .

## SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12

Methodology that facilitates the learning of English language arts for a diverse population in secondary schools. Teacher candidates will engage in ways of teaching adolescents the skills of reading, responding to literature, writing (creative and expository), listening, speaking, and applying grammar conventions. They will write lesson and unit plans and experiment with classroom management and assessment techniques as they present lessons to the class for peer and instructor criticisms. State and city teaching standards will be applied throughout the course.
prereq: SEDC 21100
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/ heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.
prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 32300 - Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in mathematics. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 7-

 12Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in the social studies. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21500
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500

15 hours of seminar; 48 hours of fieldwork
1 cr .

## SEDC 45100 - Student Teaching in English, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified English teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32100
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45210 - Student Teaching in Chinese, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Chinese teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45220 - Student Teaching in French, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified French teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

## SEDC 45230 - Student Teaching in German, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified German teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45250 - Student Teaching in Hebrew, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Hebrew teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45260 - Student Teaching in Italian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Italian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45270-Student Teaching in Russian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Russian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45280 - Student Teaching in Spanish, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Spanish teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45300 - Student Teaching in Mathematics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified math teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32300
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr .

## SEDC 45410 - Student Teaching in Biology, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades $10-12$ under the supervision of a Hunter College faculty member and a certified biology teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45420 - Student Teaching in Chemistry, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified chemistry teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45430 - Student Teaching in Physics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified physics teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45500 - Student Teaching in Social Studies, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified social studies teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32500
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDF 20300-Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr.

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .
SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr.

## Education: Early Childhood

## ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.
coreq: ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30100 - Field work/Internship 1

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30400
50 hrs .
1 cr.
Offered fall and spring

## ECC 30100, 30200, 30300 - Field work/Internships

These field work experiences are companion courses for three content classes: ECC 30400, ECC 30800, and ECC 31100. Refer to the four and six- semester sequence charts for a detailed listing of other co-requisites.
companion courses for three content classes: ECC 30400, ECC 30800, and ECC 31100.
1 per course
3 cr . total

## ECC 30200 - Field work/Internship 2

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30800
50 hrs .
1 cr.
Offered fall and spring

## ECC 30300 - Field work/Internship 3

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 31100
50 hrs .
1 cr.
Offered fall and spring

## ECC 30400 - Creative Arts and Play-Based Learning

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.
prereq: ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (BPrekindergarten)

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families, programs and schools in early literacy development.
prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and $2^{\text {nd }}$ grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
3 cr .

## ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.

3 hrs
3 cr .

## ECC 31000 - Mathematics in Early Childhood

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.
prereq: MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr .

## ECC 31100 - Early Childhood Science and Inquiry-Based Learning

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning will be discussed.
prereq: Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800

2 hrs
2 cr .

## ECC 31400 - Health, Family, and Community Partnerships

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr .

## ECC 40100 - Student Teaching

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).
prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC
31100, ECC 31400
3 hrs
3 cr.

## ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

## This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed. prereq: ENGL 12000 <br> coreq: ECF 20100, ECC 30000 <br> 3 hrs <br> 3 cr. <br> ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.
coreq: ECF 20000, ECC 30000
2 hrs
2 cr .

## ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC
31100
3 hrs
3 cr .

## Education: Quest (Childhood)

## QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr.

## QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be
stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
2 cr .

## QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .

## QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
$2 c r$.

## QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, QSTAB 30100
2 hrs
2 cr .

## QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
coreq: QSTA 41500
2 hrs
2 cr .

## QSTA 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400
coreq: QSTA 41400
2 per week of seminar plus student teaching
$4 c r$.

## QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

## QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200

75 hrs
1 cr .

## QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr .

## QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .

## QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr.
Education: Dance Education

## DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)

Methods of teaching dance in grades pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.
prereq: completed 12 cr in dance or perm dance adviser
prereq or coreq: SEDF 20400
3 hrs plus 36 hours fieldwork
4 cr.

## SEDC 45600 - Student Teaching in Dance, Grades Pre-K-12

Two 30-day supervised placements (one in grades pre-K-6 and one in grades 7-12) in New York City public schools selected by Hunter College. Special Conditions: Students must apply for student teaching the fall semester before enrolling in this course. Scores on the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examination must have been received by the coordinator of adolescent education prior to enrollment in student teaching.
prereq or coreq: SEDF 20600, SEDC 22000
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## Education: Health Education

## HED 20100 - Women and Health

## Pluralism and Diversity

PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed WGSP 25100
3 hrs
3 cr .

## HED 30500 - Sex Education

An overview of human sexuality through affective processes with an emphasis on social and cultural influences, and the role of family and school in sexuality education.
3 hrs
3 cr .

HED 30600 - Drugs and Drug Dependencies

The nature of addiction and dependency. The course focuses on social learning theory and the role of family, school, and community in drug prevention education.
3 hrs
3 cr .

## HED 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .

## HED 48000 - Independent Study in Health Education

An exploration in an area of special interest with faculty guidance. Topic to be approved by adviser.
30-45 hrs
1-3 cr.

## Education: Research Course

## EDUC 49000 - Honors Course in Educational Research

Individual research in education. Admission by permission of the chairperson.
prereq: full education sequence including student teaching; 3.5 GPA in education courses and cumulative GPA of 2.8.
2 hrs
2 cr .

## English: Courses for English Language Learners

## ENGL 00200SL - Reading II

Critical reading of varied textbook materials. Efficient study skills and test-taking. Placement test required.
3 hrs
2 cr .

## ENGL 00400SL - English for Bilingual Students II

[^6]
## ENGL 00500SL - English for Bilingual Students III

Frequent essays: organizing ideas, revising, improving sentence variety, idiomatic structure. Placement test required. 3 hrs + conf
2 cr .

## English: Introductory and Intermediate Literature Courses

## ENGL 22000 - Introduction to Writing about Literature (W)

```
Hunter Core
English Comp (EC)
GER
2/A
```

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr .

## ENGL 25000 - Topics in Literature

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D . Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25100 - Topics in Literature

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C,
or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr .

## ENGL 25400 - Survey of British Literature II: the Eighteenth Century to the Present

```
Pluralism and Diversity
P/D D
GER
3/A
```

Chronologically arranged readings in British literature from the 18th to the 20th century. prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25500 - Topics in Non-European Literary Traditions (W)

## Pluralism and Diversity

PD/A
GER
3/A
Each course examines literature written in the English language by writers in non-European traditions. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25600 - Topics in Literature by Non-European Americans (W)

## Pluralism and Diversity

PD/B
GER
3/A
Each course is an examination of one or more of the following groups: African Americans, Asian Americans, Latino Americans, Native Americans and Caribbean Americans. May be repeated once for credit with a different topic.
prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women written in English will be studied with emphasis on the diversity of women's lives and the effect of gender on experience. May be repeated once for credit with a different topic.
cross-listed WGS 25800 (W)
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 35800-Topics in Literature

Topics vary from semester to semester. May be repeated once for credit with another topic. prereq: ENGL 22000
3 hrs.
3 cr .

## English: Advanced Literature, Linguistics and Rhetoric Courses

## ENGL 30200 - Introduction to Literary Analysis (W)

GER
3/A
Study of selected authors, works, genres, or time periods emphasizing various modes of critical analysis and methods of research.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 30300 - Western Literary Backgrounds of British and American Literature

```
Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman
epic, and exploration of their influence on works from other periods
prereq: ENGL 22000
3 hrs
3cr.
```

GER
3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 30600 - Literary Theory (W)

## GER

3/A

Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A
Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

## Pluralism and Diversity

PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32200 - Topics in Gender and Sexuality in Literature

## Pluralism and Diversity

PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32300 - Topics in Asian American Literature

## Pluralism and Diversity

PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000

3 hrs.
3 cr .

## ENGL 32400 - Topics in Native American Literature

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P\&D A
GER
3/A
Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32600 - Topics in US Latina/o Literature

## Pluralism and Diversity <br> PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

3 hrs
$3 c r$.

## ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

## GER

3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power. prereq: ENGL 22000
3 hrs
3 cr

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 33300 - Topics in Language and Linguistics

## GER

3/A
Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33500 - Chaucer

Pluralism and Diversity
PD/D
GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33600 - Medieval Literature (1100-1500)

## GER

3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 33700 - Literary Aspects of Folklore

## GER

3/A

Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34100 - Rhetorical Principles of Expository Writing

## GER

3/A
This course will focus on the relationship between rhetorical principles and academic writing.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34200 - Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.
prereq: ENGL 22000

## ENGL 34700 - Language and Ethnicity

Pluralism and Diversity<br>PD/B<br>GER<br>3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 35000 - Renaissance Drama

## Pluralism and Diversity

GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 35200 - Shakespeare Survey

```
Pluralism and Diversity
PD/D
GER
3/A
A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3cr.
```

ENGL 35300-Shakespeare I
Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.
ENGL 35500 - Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme prereq: ENGL 22000
3 hrs
3 cr .
ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36000 - The 17th Century

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36100 - Milton

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36200 - English Drama of Restoration and 18th Century

## Pluralism and Diversity

PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan. prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000

3 hrs
3 cr

## ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36500 - The Later 18th Century

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 36800 - The 18th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A
A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36900 - The 19th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A
Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.
prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37200 - Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37300 - Victorian Literature (W)

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include. Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.

3 hrs
3 cr .

## ENGL 37400-20th and 21st Century British and Irish Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of various poetries and poetry movements emergent in the $20^{\text {th }}$ and $21^{\text {st }}$ centuries in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37500-20th and 21st Century American Poetry

## GER

3/A

Study of various poetries and poetry movements emergent in the $20^{\text {th }}$ and $21^{\text {st }}$ centuries in their cultural, social, and historical contexts
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 37600-20th and 21st Century British and Irish Fiction

Pluralism and Diversity
PD/D
GER
3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 37700-20th and 21st Century American Fiction

## GER

3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 37800-20th and 21st Century British and Irish Drama

```
Pluralism and Diversity
PD/D
GER
3/A
Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3cr.
```

GER
3/A

Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38000 - Irish Literary Renaissance

Pluralism and Diversity
PD/D
GER
3/A

Study of Irish writers of the early 20th century in relation to their cultural, social, and historical contexts. Authors may include Joyce, O'Casey, Synge and Yeats.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38300 - Topics in Renaissance Literature

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38400 - Topics in Restoration and 18th Century Literature

```
GER
3/A
Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 38500 - Topics in 19th Century Literature

## GER

3/A

Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or $\mathrm{PD} / \mathrm{D}$ (some topics)
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38700 - Topics in British and/or Irish Fiction

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories $C$ or $D$; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories $C$ or $D$; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic. prereq: ENGL 22000
3 hrs
3 cr.

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39000 - Topics in 20th Century Literature (W)

GER
3/A
Selected works from the 20th century originally written in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39400 - World Literature: Drama

GER
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39600 - American Prose from Reconstruction to World War I

## GER

3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A
Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr .
ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr.

## ENGL 48200 - Special Studies Seminar

GER
3/A

1 hr
1 cr .

## ENGL 48300 - Special Studies Seminar

GER
3/A
$2 h r$
2 cr .
ENGL 48400 - Special Studies Seminar

GER
3/A
Topics in British and American literature or linguistics. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
3 hrs
3 cr .
ENGL 48469 - Advanced Poetry Writing

```
GER
3/A
400-level wrtitng course
3 hrs
cr.
```

ENGL 48476 - Narrative Forms: Strategies in Fiction Writing

400-level writing course
3 hrs
3 cr .

## ENGL 48483 - Character, Class, Conflict in Contemporary Firction

```
GER
3/A
400-level writing course
3 hrs
3cr.
```


## ENGL 48491 - Creative Non-Fiction

GER
3/A

400-level writing course
3 hrs
3 cr.

## ENGL 48500 - Individual Tutorial Project

GER
3/A

Research paper or substantial creative work written under direction of a full-time instructor.
prereq: perm instr.
1 sem
3 cr.

## ENGL 49000 - Advanced Topics Seminar

Focused study of and research on selected authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated for credit if a different topic is taken.
prereq: ENGL 22000; ENGL 25200; completion of at least 24 credits in the major with a minimum GPA of 2.0
3 hrs.
3 cr .

## ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem
3 cr .

## ENGL 49800 - Internship

## GER

3/A

Opportunities of working in positions of responsibility in professional institutions for academic credit. prereq: perm coordinator
1-6 hrs
1-6 cr.

## English Composition Workshops

## XXX XXXXX - Writing Precept

Focus on grammar, sentence structure, and essay organization. prereq: perm dept hrs TBA

## English: Writing Courses

## ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

## ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods

```
Additional practice in expository writing; small classes (8-10).
prereq: ENGL 12000
3 hrs
cr.
```

Frequent writing practice, with emphasis on clarity, style and organization.
prereq: ENGL 12000
$3 \mathrm{hrs}+\mathrm{conf}$
3 cr .

## ENGL 30000 - Introduction to Creative Writing

## GER

3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300 -level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 30100 - Theory and Practice of Expository Writing

## GER

3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 30800 - Workshop in Non-Fiction I

## GER

3/A
Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays. prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 30900 - Workshop in Non-Fiction II

## GER

3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
$3 c r$.

## ENGL 31100 - Workshop in Fiction I

## GER

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.
prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 31300 - Workshop in Fiction II

## GER

3/A

A continuation of ENGL 31100, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31100
3 hrs
3 cr .

## ENGL 31400 - Workshop in Poetry I

## GER

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.
prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 31600 - Workshop in Poetry II

## GER

3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31400
3 hrs
3 cr .

## ENGL 48455 - Advanced Prose Writing

## GER

3/A

400-Level Writing Course

## Film and Media: Film—Basic Courses

## FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr.

## FILMP 15000 - Media \& Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.
cross-listed MEDP 15000
prereq: MEDIA 18000 or FILM 10100
3 cr
4 hrs

## FILMP 16000-Media \& Film in a Digital Age II

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production. cross-listed MEDP 16000
prereq: MEDP 15000
4 hrs
3 cr

## Film and Media: Film—Intermediate Courses

## FILM 20100 - Practical Film Analysis

GER
3/A

Close case study of a selected motion picture.
prereq: FILM 10100
3 hrs
3 cr .

FILM 21100 - Film History I: 1895-1942

```
Pluralism and Diversity
PD/D
GER
3/A
Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
cr.
```

FILM 21200 - Film History II: Since 1942
Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21300 - National Cinema

Pluralism and Diversity
PD/D or A
GER
3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

FILM 21305 - National Cinema: Italian Cinema

Pluralism and Diversity
PD/D
GER
3/A
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21344 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. cross-listed HEBR 22000
prereq: FILM 10100

## FILM 21351 - National Cinema: French New Wave

```
Pluralism and Diversity
PD/D
GER
3/A
```

prereq: FILM 10100
4 hrs
3 cr .

## FILM 21355 - National Cinema: Asian Cinema

Pluralism and Diversity
PD/A
GER
3/A
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21400 - Multicultural Perspectives in Cinema

Pluralism and Diversity
PD/B (214.51 only)
GER
3/A
Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21500 - Women and Film

Pluralism and Diversity
PD/C
GER
3/A
Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in
commercial cinema.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 22200 - Topics in Genre Studies

## GER

3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
$3 c r$.

## FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
3 cr .

## FILM 22400-Cinematic Space

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.
prereq: FILM 10100, 21100 or FILM 21200
3 hrs
3 cr .

## FILM 23100 - Studies of Selected Directors

```
Pluralism and Diversity
GER 3/A
Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for
credit with a different topic.
prereq: FLM 10100, }2010
4 \text { hrs}
3cr.
```


## FILM 23200 - Experimental Film and Video

Pluralism and Diversity
PD/D
GER
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions. prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
3 cr .

## FILMP 25100 - Film Production I

Introduction to the fundamentals of filmmaking, writing, cinematography and editing.
Material Fee: \$20
prereq: MEDP/FLMP 16000; open to majors only or perm instr.
4 hrs
3 cr.

## FILMP 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.
cross-listed MEDP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr .

## Media 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

## Film and Media: Film—Upper-Level Courses

## FILM 31500 - Nonfiction Film and Video

## GER

3/A
Study of the history and theory of the nonfiction film and video, with screenings of examples of documentary, propaganda, and direct cinema and video.
Except as otherwise noted, ENGL 12000 is pre-requisite for all 30000- and 40000-level courses in FILM. prereq: FILM 10100
4 hrs
3 cr.

## FILM 32200 - Contemporary Film Theory

Pluralism and Diversity
PD/D
GER
3/A

Survey of current film theory and criticism, including developments in film semiotics, psychoanalytic film theory, feminist film theory, narrative theory, historiography and reception theory.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000 - and 40000 -level courses in FILM.
prereq: FILM 10100, 21100 or 21200
4 hrs
3 cr .

## FILM 32300 - Film Technology and Aesthetic Theory

## GER

3/A
Study of the relationship between film technology and film theory. May be repeated for credit with a different topic.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 25100
4 hrs
3 cr .

## FILM 32351 - Aesthetics of Film Sound

## GER

3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000 - and 40000 -level courses in FILM.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 32400-Narrative Strategies

```
GER
3/A
Study of narrative techniques in cinema
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr .
```


## FILM 32600 - America in American Film and Video

## GER

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr .

## FILM 32700-Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A
A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 32800 - Images of Resistance in the Developing World

## Pluralism and Diversity

PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr.

## FILM 33200 - Myths and Images in the Media

GER
3/A
Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
3 hrs
3 cr .

## FILM 33300-Styles and Theories of Film Acting

GER
3/A
Study of film acting with regard to theoretical structures and aesthetic practice.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 33400 - Theatricality and the Presentation of Self

## GER

3/A
Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, FILM 21100 or 21200
4 hrs
$3 c r$.

## FILM 34400 - History of Cinematography

GER
3/A
Survey class addressing key developments in the history and aesthetics of cinematography.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.

4 hrs
3 cr .

## FILM 39100 - Problems in Film Research

## GER

3/A
Study of basic methods of solving problems in the field of cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
3 hrs
3 cr .

## FILM 39700-Topics in Film History

Pluralism and Diversity
PD/D
GER
3/A
A focused examination of specific issues and moments in film history. May be repeated for credit under a different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
4 hrs
$3 c r$.

## FILMP 31100 - Directing Documentary Video Production

Exploration of the aesthetics of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: MEDP 28100; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr .

## FILMP 34100 - Producing the Film

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.

3 hrs
$3 c r$.

## FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: \$20
prereq: FLMP 25100, FILMP 27600 open to film/media majors only or perm instr. prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.
4 hrs
3 cr .

## FILMP 37100 - Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images.
Except as otherwise noted, ENGL 120 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 37200 - Screen Directing II

Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 37100 or permission of instructor
4 hrs
3 cr .

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 27600
4 hrs
3 cr .

## FILMP 38100-Techniques of Cinematography

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 35200 or permission of instructor
4 hrs
3 cr .

## FILMP 38200 - Narrative Editing

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.

4 hrs
$3 c r$.

## FILMP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr .

## FILMP 38400 - Film and Video Production

Production of short films with each student assigned to specific crew positions.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 35200, and permission of instructor.
variable hrs
3 cr .

## MEDIA 36300 - Concepts in Gaming

This analytical seminar examines gaming through the study of the history of games, the role of narrative and language in games, game structures, interaction paradigms, rule-creation, and theories of play. It familiarizes students with important approaches to games and play developed by both the art world and popular culture during the $19^{\text {th }}$ and $20^{\text {th }}$, centuries. Students will be encouraged to play with these approaches in their written assignments. Each week we read, discuss, and study games to explore possibilities of gaming elements within media arts, artistic practice, and performance. A game is itself a language, and it is this language we seek to understand. This course explores all kinds of games, from artists' games to common children's games. Students examine historical and contemporary artist's projects, including dance, installation, computer games, and performance, as well as look at the game as a tool for abstraction, storytelling, and activism.
prereq: Media 18000, one other Media analytical course, or instructor permission. MEDIA 28000 recommended. 3 hrs.
3 cr .

## Film and Media: Film—Special Topics, Honors, and Advanced Studies

## FILM 29900-Special Topics in Film

## GER

3/A
Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.
prereq: perm dept.
1-3 hrs
1-3 cr.

## FILM 39900-Studies in Film

## GER

3/A
Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: variable
3 hrs
3 cr .

## FILM 40100 - Independent Research

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: perm chair
1-3cr.

## FILM 40200 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
$3 c r$.

## FILM 49800-Internship

Opportunity to gain professional experience.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, two other FILM courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

## FILM 49900 - Advanced Seminar

Selected topics in cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: perm instr.
4 hrs
3 cr .

## FILMP 39900-Special Topics in Advanced Film Practice

Offered periodically with the specific topic listed in the schedule of classes.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: perm instr.
4 hrs
3 cr .
FILMP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision.
Material Fee: \$20 May be taken twice for credit.cross-listed MEDP 45100
prereq: FILMP 35200 and perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400 -level courses in FILM.
3 hrs
3 cr .

## FILMP 49800 - Internship

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, two other film courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

## MEDP 29900 - Special Topics in Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 180, others variable
3 hrs
3 cr .

## Film and Media: Media—Basic Courses

## MEDIA 18000 - Introduction to Media Studies

## Hunter Core

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

## Film and Media: Media—Analytical Courses

## MEDIA 21000 - Journalism and Society

GER
3/A

This course focuses on industry issues and service to the public good. It is partly designed for students interested in careers in journalism, who can benefit from greater sophistication about the news industry. The course explores the way news is gathered and written, the way news organizations are structured and financed, and the way they relate to other forms of political and entertainment communication. It examines the ways that the news industry describes itself and its problems and surveys journalistic practice in different media, e.g. print, the Internet, etc. Many of the readings
will be drawn from the news industry trade press as well as from cultural studies and media sociology. Students will be asked to address journalism as citizens, weighing the role of journalism in our democracy.
prereq: MEDIA 18000
3 hrs
3 cr.

## MEDIA 21100 - News Literacy in a Digital Age (W)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of print, TV, radio, web and social media stories. We will also study the First Amendment, the underpinnings of an independent press and the consequences of censorship.
prereq: ENGL 12000, MEDIA 18000
3 hrs
3 cr .

## MEDIA 26000 - Internet and Society

## GER

3/A

The Impact of the Internet on American and global society.
prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr .
MEDIA 27100 - Television Culture

## GER

3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 28000 - Understanding New Media

## GER

3/A

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.
prereq: MEDIA 18000
3 hrs
3 cr .

MEDIA 29800 - Special Topics in Media Studies

## GER <br> 3/A

A course on film and media studies taught periodically, with topic listed in Schedule of Classes.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000 or FILM 10100
4 hrs
3 cr .

## MEDIA 29853 - The Horror Film

## GER

3/A

A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.
prereq: MEDIA 18000 or FILM 10100
3 hrs
3 cr .

## MEDIA 29900 - Special Topics in Media Studies

GER
3/A
Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr .

## MEDIA 31300 - The Culture of Publicity

GER
3/A

An in-depth historical understanding of public relations, social image-management, and opinion engineering in the U.S. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 31400 - Public Relations: Theory and Practice (W)

GER
3/A
An examination of principal techniques and strategies in public relations, including critical analysis of its social uses. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000 \& MEDP 20100

## 3 hrs

3 cr .

## MEDIA 31500 - Nonfiction Film and Video

## GER

3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
3 cr .

## MEDIA 32600 - America in American Film and Video

## GER

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.
prereq: MEDIA 18000
3 hrs
3 cr .

MEDIA 32700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A
A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.
prereq: MEDIA 18000
4 hrs
$3 c r$.

## MEDIA 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Challenges by developing-world films and filmmakers to Western media stereotypes.
prereq: MEDIA 18000
4 hrs
3 cr .

## MEDIA 33200 - Myths and Images in the Media

## GER

3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society. prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 33300 - Typecasting

## GER

3/A
A history of the relationship between stereotyping as a social, cultural and psychological language and the rise of modern society.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 180 and either MEDIA 327 or MEDIA 384 or perm instr.
3 hrs
3 cr .

## MEDIA 36500 - Digital Copyright

## GER

3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-topeer trading, digital rights management, and third party liability for information service providers.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 37000 - The Press and the Public

## GER

3/A
Analysis and discussion of relationship of the press to great issues of our time.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 37300 - Journalism as Literature

GER
3/A

An examination of the relationships between journalism and literature, including literary journalism, the journalistic
prose of major imaginative writers, and the stylistic characteristics of hard news reporting.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 37400 - Media, Sports, and Society

## GER

3/A
Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.
prereq: MEDIA 18000
3 hrs
$3 c r$.
MEDIA 37500 - Media and Politics

GER
3/A
The impact of the electronic media on American politics.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 38000 - History of Broadcasting

## GER

3/A

Broadcasting's roots in industrialization and influence on modern society.
prereq: MEDIA 18000
3 hrs
3 cr.
MEDIA 38100 - Propaganda and the Mass Media

## GER

3/A
Study of mass media (broadcast, film, print) as forms for propaganda.
prereq: MEDIA 18000
3 hrs
$3 c r$.
MEDIA 38300 - Popular Music and the Music Industry

GER
3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry.
Particular emphasis on popular music from fifties to present.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38400 - Women and Media

## Pluralism and Diversity

PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGSA 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38600 - Media Ethics

## GER

3/A
An exploration of the moral issues surrounding media work, including truth-telling, social justice, cultural effects and conflicting rights.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39000 - Broadcast Journalism

GER
3/A

Structure and operations of radio and television news in relation to social, political and economic institutions.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39100 - History of Print Journalism

GER
3/A
Development of newspapers and magazines as social force.
prereq: MEDIA 18000

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3 hrs
3cr.
MEDIA 39200 - Communications, Technology and Change
GER
3/A
Examination of media technologies, their development and their impact on quality and organization of human life.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 39300-Media Criticism
GER
3/A
Analyzes advanced approaches to media communication with focus on form and content of particular themes as they
are treated by variety of media genres.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 39400 - Mass Communications and the Law
GER
3/A
Relationship of mass media to significant constitutional problems.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 39500 - Mass Media in Developing Countries
Pluralism and Diversity
PD/A
GER
3/A
Exploration of impact of transnational corporations on developing countries and issues of cultural domination.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 39600 - Global Communication
GER
3/A
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Structures, policies and impact of global communications. Areas covered include global news, film, TV and music industries; telecommunications and the Internet.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39700 - Cult TV and its Audiences

## GER

3/A

This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.
prereq: MEDIA 27100
3 hrs
3 cr .

## MEDIA 39800 - Complex Television Narratives (W)

This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.
prereq: MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor
3 hrs
3 cr .

## MEDIA 39900 - Special Issues in Media Studies

## GER

3/A

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr .

## MEDIA 49900 - Advanced Seminar

Readings, discussion, and papers on significant problems in fields of media studies.
prereq: perm instr.
3 hrs
3 cr .

## Film and Media: Media—Practice and Production Courses (MEDP)

MEDIA 18000 is a prerequisite for all 200-, 300- and 400-level MEDIA and MEDP courses.

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

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cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 \text { hrs}
3cr.
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## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 20100 - Reporting and Writing I (W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDP 20200 - Reporting and Writing 2(W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 23900 - Entertainment Journalism (W)

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 25000 - Digital Design and Usability

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.
prereq: MEDP/FILMP 15000
3 hrs .
3 cr .

## MEDP 26000 - Introduction to 2D Animation

This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.
prereq: MEDIA 18000. MEDP 15000, MEDP 16000
4 hrs.
3 cr .

## MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
3 cr .

## MEDP 28200 - Studio Television Production

Elements of multi-camera studio production.
prereq: MEDP/FILMP 15000
coreq: MEDP/FILMP 16000 (or MEDIA/FILM 15100)
3 hrs
3 cr .

## MEDP 28300 - Electronic News Gathering

This workshop guides students through the research, writing, digital video production and digital editing of community television news stories.
prereq: MEDP 28100
3 hrs
3 cr .

## MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.
prereq: MEDP/FILMP 15000
3 hrs
3 cr .

## MEDP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.
cross-listed FILMP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr .

## MEDP 29000 - Developing the Documentary (W)

This workshop guides students through the research, writing and production planning essential for creating a video or film documentary.
prereq: MEDIA 18000 and MEDP 16000
3 hrs
$3 c r$.

## MEDP 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 29500 - Online Journalism (W)

Evaluating and employing the Internet as a source of information for journalists, as a subject of journalistic coverage and as a new form of newspaper publication.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.
prereq: MEDP 20100
3 hrs
3 cr
MEDP 31000 - Advanced TV Studio Production

An advanced multi-camera television studio workshop and a continuation of Studio Television Production. prereq: MEDP 28100, 28200
3 hrs
3 cr .

## MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Material Fee: \$20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
4 hrs
3 cr .

## MEDP 31200 - Advanced Documentary Digital Editing

The aesthetic and technical considerations in editing the documentary video using digital equipment.

Material Fee: \$20
prereq: MEDP 31100 or perm instr.
4 hrs
3 cr.

## MEDP 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.
prereq: FILM 25100 or MEDP 28100 or perm. instr.
3 hrs
3 cr .

## MEDP 33100 - Web Production II

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.
prereq: MEDP 28500
3 hrs
3 cr .

## MEDP 34100 - Web Programming

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive web sites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.
prereq: MEDP 28500

3 hrs
3 cr .

## MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
prereq: MEDP 33100 or perm instr.
3 hrs
3 cr .

## MEDP 34900 - Introduction to Physical Computing

This hands-on class is an introduction to electronics, circuit building and the programming of microcontrollers for the production of interactive creative works that may include installation and art objects.
prereq: MEDP 150, MEDP 160

## MEDP 35500 - Physical Computing: Interactive Installation

A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: \$20
prereq: MEDIA 18000, MEDP 15000 and 16000, MEDP 28500
3 hrs
3 cr .

## MEDP 36000-3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based art.
prereq: MEDP 25000, MEDP 26000
3 hrs .
3 cr .

## MEDP 36500-3D Virtual Environments

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.
prereq: MEDP 36000
3 hrs .
3 cr .

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce a community newspaper and on-line news outlet serving underserved neighborhoods. This class may be repeated once for credit.
prereq: MEDP 20100 or permission of instructor
3 hrs
3 cr .

## MEDP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
prereq: FILMP 25100 or MEDP 28100 or perm. instr.
3 hours
3 credits

## MEDP 39909-Game Design and Programming

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of gamedevelopment tools and approaches, while exploring a variety of theoretical, social, and other aspects of modern game culture.
prereq: MEDP 25000
prereq or coreq: MEDIA 36300
3 hrs
3 cr .

## MEDP 39950 - Motion Graphics

This course examines the design and use of computer animation and effects for digital video. The course emphasizes the use of motion graphics to animate and render typography, effects and the compositing of distinct visual assets as well as its function within a greater narrative.
prereq: MEDP/FILMP 15000 and MEDP/FILMP 16000 and MEDP 25000
3 hrs
3 cr .

## MEDP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision.
May be taken twice for credit. Material fee $\$ 20$ cross-listed FILMP 45100

3 hrs
3 cr.

## Film and Media: Media-Special Topics, Honors and Advanced Studies

MEDIA 40100 - Independent Research<br>Directed research or creative endeavor.<br>Material Fee: \$20<br>prereq: 2 advanced level courses, perm dept.<br>1-6 hrs<br>1 cr . per hr.<br>\section*{MEDIA 40200 - Honors Project}

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion qualifies student for departmental honors at graduation.
prereq: 3 advanced-level courses; 3.0 GPA and 3.5 major GPA; perm dept.
3 hrs
3 cr .

## MEDIA 49800 - Internship

Opportunity to gain professional experience. prereq: MEDIA 18000 and 2 other MEDIA or MEDP courses or equiv; perm dept and host institution 1-6 cr, 40 working hrs per cr.

## MEDP 39900 - Special Topics in Advanced Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr .

## Geography

## GEOG 10100-People and Their Environment

Hunter Core<br>Individual and Society - Social Science<br>GER<br>2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the
topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

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3 hrs
3cr.
offered fall and spring.
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## GEOG 15000 - World Regional Geography

```
Pluralism and Diversity
PD/A or D
GER
2/B
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A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## GEOG 18300-Special Topics: Introductory Geosciences

Introductory special topics in geography, environmental geosciences, or spatial sciences.
3 hrs
3 cr .

## GEOG 22100 - Economic Geography and Globalization

GER
2/B
An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

## GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## GEOG 22700 - Environmental Conservation: Urban Problems

GER
3/B

Covers topics related to environmental problems and their connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards.
3 hrs
3 cr .

## GEOG 24100 - Population Geography

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GEOG 24300 - Urban Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr .

## GEOG 24400 - Political Geography

GER
3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

## GEOG 24500-Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.
prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr .

## GEOG 24700 - Cultural Geography

GER
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr .

## GEOG 27200 - Regional Geography of Europe

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Pluralism and Diversity
PD/D
GER
3/B
```

Analysis of relationship of natural environment to economic, social and political life of modern Europe.
3 hrs
3 credits
GEOG 30500 - Special Topics in Urban and Regional Dynamics

Advanced topics in urban geography. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.

## GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr.

## GEOG 31100 - Introduction to Fluid Mechanics

## GER

3/B

Now taught as PGEOG 31100
This course covers the basic principles of fluid mechanics include statics, forces on plane and curve surfaces, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli's equation, dimensional analysis, and elementary viscous flow. Frictional losses in laminar flow and simple pipe flow analysis are covered. Understanding of the physical phenomena is stressed and vector notation is introduced and used whenever suitable.
cross-listed PHYS 31100
prereq: PHYS 12100 or PHYS 12000 and MATH 15500
3 hrs
3 cr.

## GEOG 32100 - Transportation Geography

## GER

3/B

A geographic study and modeling of transportation routes and their influences on the location of economic activity. prereq: GEOG 221 or perm instr.
3 hrs
3 cr .
not offered 2011

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing

3 hrs
3 cr .

## GEOG 33500 - International Pollution Issues

## GER

3/B

A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
3 cr .

## GEOG 34200 - Geography of International Migration and Ethnicity

## Pluralism and Diversity

PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr .

## GEOG 34300 - Urban Geographic Theory

## GER

3/B

Spatial analysis of contemporary and theoretical issues concerning the economic growth, transportation, land use, social segregation and political fragmentation in metropolitan areas.
prereq: GEOG 34100 or equiv.
3 hrs
3 cr .

## GEOG 35700-Geography of New York City and Vicinity

## GER

3/B
Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 10100

# GEOG 37000-Geography of Sustainable Development in Developing Countries 

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr.

## GEOG 37100-Rural Water Supply in Developing Regions

## Pluralism and Diversity

PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.
prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 38000 - Seminar in Geographic Concepts and Methodology

## GER

3/B

An investigation of the evolution, conceptual framework, and methodological approaches of modern geography. Course goals are: increase student competence and marketability as a teacher; review content of geography with teaching in mind; share strategies, ideas activities (as befits a seminar course); familiarization with national and state standards; develop and acquire appropriate classroom-ready materials; acquire a classroom-ready photo collection; explore links to other subjects; and develop appropriate bibliographies of children's literature and websites.
prereq: perm instr.
3 hrs
3 cr .

## GER <br> 3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr

## GEOG 38200 - Special Topics in Geography

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GER
3/B
Open to Jr/Sr only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr
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## GEOG 38300 - Special Topics in Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
$1-3 \mathrm{cr}$

## GEOG 38500 - Geographic Studies in the Field

Geographic Studies in the Field course offered either through the department or in conjunction with Education Abroad, taught primarily outside the formal classroom.
prereq: Vary by course
3 hrs
3 cr .

## GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
$1-3 \mathrm{cr}$

## GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
$1-3 \mathrm{cr}$

GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 48000 - Capstone in Urban and Social Geography

Individual or group research project as capstone experience in urban and social geography.
prereq: Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## GEOG 48100 - Capstone in Sustainability Studies

Individual or group research project as capstone experience in Sustainability Studies.
prereq: Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## GEOG 49000 - Honors in Geography

Upper $\mathrm{Jr} / \mathrm{Sr}$ geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr .

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu - tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 48000 - Capstone in Physical Geography

Individual or group research project as capstone experience in physical and environmental geography.
prereq: Senior standing as a geography or environmental studies major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## Geographic Techniques and Methods

## GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.
prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr.

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

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Material Fee: $15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4cr.
Offered fall and spring
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## GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: \$15
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr.

## GTECH 30100 - Quantitative Methods in Geography

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr .

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to
analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.
prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 35000 - Field Topographic Surveying

Field use of surveying equipment. Notebook and computer data collection relating to horizontal and vertical location on the landscape, including the use of global positioning systems. Field record-keeping and preliminary analysis of results. Fee for transportation, accommodations and food allowance required.
prereq: GTEC 20100, perm instr.
90 hrs of field/lab work (1 day lab, 10 days field)
3 cr.
Offered summer intersession (check with dept. in April).

## GTECH 35100 - Field Techniques in Geography

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.
Material Fee: \$300-400
prereq: GTEC 20100, any two additional geography or geology courses, perm dept.
90 hrs field/lab work (3 days lab, 7 days field)
3 cr.
Offered summer intersession (check with dept. in April).

## GTECH 36100-GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

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4 hrs (2 lec, 2 lab)
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3 cr .

## GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 38500-GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered.
May be repeated for credit as topics change.
Material Fee:\$ 15
prereq: GTEC 20100 or equiv.
3 hrs
3 cr.

## GTECH 48000 - Capstone in Geographic Information Science

Individual or group research project as capstone experience in geographic information science.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## GTECH 49000 - Honors in Geographic Information Science

Open to qualified Track C geography majors.
prereq: Senior standing, a minimum GPA of 3.5 in the major, approval of undergraduate adviser, and signed project contract with faculty sponsor
3 hrs
3 cr.

## GTECH 49800 - Internship in Geographic Information Science

Open to qualified geography majors and minors. Opportunities for working in positions of responsibility in professional institutions for academic credit.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## Physical Geography

# PGEOG 13000 (STEM) - Weather and Climate 

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

## PGEOG 23100 - Physical Geography II: Principles of Geomorphology

See GEOL 23100

## PGEOG 25000 - Earth System Science I

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## GER

3/B

Covers the basic principles of fluid mechanics including statics, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli's equation, dimensional analysis, and elementary viscous flow.
cross-listed PHYS 31100
prereq: PHYS 12100 or 12000 and MATH 15500 or perm instr.
3 hrs
3 credits

## PGEOG 31300 - Biogeography

GER
3/B
Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.
prereq: PGEOG 13000, GEOG 10100 or BIOL 10000/10200
3 hrs
3 cr .

## PGEOG 33200 - Introduction to Hydrology

## GER

3/B

Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and strategies of integrated water resources.
prereq: GEOL 10100, PGEO 13000 or perm instr.
3 hrs
$3 c r$.
PGEOG 33400-Coastal Geomorphology See GEOL 33400

See GEOL 33400

## PGEOG 33500 - Urban and Metropolitan Coasts

GER
3/B
A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.
prereq or coreq: Prereq: GEOL 10100 or GEOG 10100

3 hrs
3 cr .

## PGEOG 36100-Global Climatic Change

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .

## PGEOG 36300 - Environmental Hazards

## GER

3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: $P G E O G 13000$ or equiv.
3 hrs
3 cr .

## PGEOG 38100 - Special Topics in Environmental Studies

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## PGEOG 38200 - Special Topics in Environmental Studies

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.

1-4 hrs (lec or lec/lab)
1-3 cr.

## PGEOG 38300 - Special Topics in Environmental Studies

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

## PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.

## PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent. prereq: perm dept.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs .
3 cr .

## GEOL 10200 - Plate Tectonics and the Earth's Evolution

## GER

2/E
The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

## GEOL 10500 - Introduction to Environmental Geoscience

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth
systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
3 cr .

## GEOL 18000 - Introduction to Oceanography

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr .
Offered fall and spring

## GEOL 20500 - Environmental Geology

## GER

3/B
As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
3 cr .

## GEOL 23100 - Principles of Geomorphology

## GER

2/E or 3/B
Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr .

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr.
Fall
GEOL 33200 - Hydrology See PGEOG 33200

See PGEOG 33200

## GEOL 33400 - Geomorphology: The Study of Beaches and Coasts

GER
3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.
prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr.

## GEOL 38000 - Advanced Oceanography: Physics of the Oceans

## GER

3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean. Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.
prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr .
GEOL 38100 - Special Topics in Geology and Oceanography

GER
3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GEOL 38200 - Special Topics in Geology and Oceanography

## GER <br> 3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept. 1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

## GTECH 10100 - Digital Earth

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of
the world, address world problems, and make sound decisions. Students will learn how satellites take complete photographs of the entire planet, Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.
3 hr .
3 cr.

## Geography: Courses Less Frequently Offered

## GEOG 37200 - Field Geography of Peru

## GER

3/B

Regional field study of the geography of Peru. Topics include physical, environmental, historical, cultural, urban, political, agricultural, religious and economic geographies in various ecological zones. Taught in English. Fee for transportation and accommodations required. Completing GEOG 101 or GEOL 101 or PGEO 130 prior to enrollment is strongly recommended.
prereq: acceptance into Peru Study Abroad Program
coreq: GEOG 27100 or dept. perm.
90 hrs of fieldwork
3 cr.

## GEOL 21100 - Field Geology of New York City and Vicinity

## GER

3/B

Provides you with the essential information about the geology of New York City, plate tectonics, and the philosophy and the practice of geological field work. Students will learn how to use basic field equipment and geologic and topographic maps. The first part of the course consists of field trips using public transportation to the main geologic formations of the New York metropolitan where students examine and identify rocks in situ and non in situ. Basic procedures of geologic field research are taught and students learn to identify, measure, and describe rocks, geologic structures and textures. The second part of the course will be in the laboratory to study the field material, plot information on topographic maps, correlate information and create basic geologic maps, basic geologic profiles and the synthetic geologic column of the NYC Metropolitan area.
prereq or coreq: Prereq: GEOL 10100 or 10200

## GEOL 24400 - Sedimentology

GER
3/B

## PGEOG 21200-Geography of Soils and Vegetation

## GER

## German: Beginning/Intermediate Courses

## GERMN 10100 - Elementary German I

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Hunter Core
World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3cr.
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GERMN 10200 - Elementary German II
Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
$3 c r$.

GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr.

## GERMN 20000 - Intensive German 2 and 3

Intensive Second- and Third-Semester German. Elementary and early intermediate speaking, writing, and comprehension. Review, practice, and expansion of appropriate grammar, vocabulary, and culture.
prereq: GERMN 10100
6 hrs
6 cr .

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .

## GERMN 20150 - Intermediate German Workshop I

Additional practice in spoken and written German. Intended to improve the speaking skill of students taking GRMN 201.
coreq: GRMN 201

1 hrs
1 cr .

GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .

## GERMN 20250 - Intermediate German Workshop II

Intermediate conversation course open to students enrolled in GRMN 202. Conversation on topics from everyday life in modern Germany.
coreq: GRMN 20200
2 hrs
2 cr .

GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## German: Advanced Courses

## GERMN 30100 - Advanced German Comprehension and Conversation <br> GER <br> 3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.
GERMN 30200 - Advanced German Conversation and Composition

GER
3/A

Intensive practice in speaking and writing German.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
GERMN 31000 - Advanced German Language Studies

GER
3/A

Intensive language study in a German speaking country. May be repeated at different levels.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 31200 - Introduction to Business German

## GER

3/A
Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union. (Conducted in German)
prereq: GERMN 30100 or perm instr.
3 hrs
3 cr .

## GERMN 32000-Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32100 - Individual and Society in Modern German Literature

```
Pluralism and Diversity
PD/D
GER
3/A
The central conflict between individual liberty and societal constraints as reflected in short stories,novellas and plays by 20th century authors such as Kafka, Brecht. Böll and Frisch.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
```

GERMN 32200 - German Civilization

Pluralism and Diversity
PD/D

GER
3/A

Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
3 cr .

## GERMN 32300 - Women in German Literature

```
Pluralism and Diversity
PD/C
GER
3/A
Reading and discussion of literature from the 19th century to the present written in German by and about women. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
cr.
```


## GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32800 - German Children's and Adolescent Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
```

GERMN 33400 - The German Short Story and Novelle

Pluralism and Diversity
PD/D

GER
3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 33500 - German Radio Plays: Hoerspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A
Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A

Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 34100 - German Drama from Age of Goethe to Naturalism

Pluralism and Diversity
PD/D

```
GER
3/A
Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
cr.
GERMN 34200 - The German Novel
Pluralism and Diversity
PD/D
GER
3/A
Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.
```

GERMN 34400 - Readings in Classical Period of German Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of selected works by Lessing, Goethe and Schiller.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 34500 - Literature of Weimar Republic

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 34600-German Literature of the 1930s and 1940s

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written between the time of the Weimar Republic and 1945.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

## GERMN 34700 - German Literature 1945-1995

```
Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of German literature written between 1945 and 1995.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
```

GERMN 34800 - East German Literature (1945-1990)
Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German
Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
GERMN 35000 - Austrian Literature

Pluralism and Diversity
PD/D
GER
3/A
Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
$3 c r$.
GERMN 35300-Goethe's Faust

Pluralism and Diversity
PD/D
GER
3/A

Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
$3 c r$.

## GERMN 35900 - German Literary Seminar

## Pluralism and Diversity

PD/D
GER
3/A
Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
$3 c r$.

## GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945 (W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust.
prereq: ENGL 12000
3 hrs
3 cr .

## GERMN 38500 - Advanced Topics in German Language Study

Advanced study of a linguistic phenomenon or of German language for a particular purpose. May be repeated with a different topic or level.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: Will vary with topic
3 hrs
3 cr .

## GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

## GER

3/A

Reading and discussion of present-day German newspapers and magazines.
(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr .

## GERMN 38502 - Advanced Business German

## GER

3/A
Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: GERMN 31200 or perm. instr.
3 hrs
3 cr.

## GERMN 38503 - German Grammar for Upper- Level Discourse

## GER

3/A
Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse.
(Conducted in German)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: three courses above GERMN 30000 or equiv (excluding courses in English translation)
3 hrs
3 cr .

## GERMN 38504 - Advanced German Through Translation

## GER <br> 3/A

Translation of literary and non-literary texts from German into English. Basic introduction to translation theory. (Conducted in German and English)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr .

## GERMN 39900 - Second Language Acquisition

## GER

3/A
A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

## GERMN 44400 - Seminar Studies in German Literature and Language

```
Pluralism and Diversity
PD/D
GER
3/A
```

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 2000 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 49100 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr .

## GERMN 49200 - Independent Study in German

Number of credits to be determined in advance in consultation with faculty member on basis of work planned.
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

## GERMN 49300 - Individual Studies Project in German Studies

Individual research on German-studies topic under direction of faculty member. Written report required. (Conducted in German)
prereq: perm chair
3 cr.

## GERMN 49800 - Internship

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details. prereq: perm of chair
1-4 cr.

## German Literature and Civilization (in English)

## GERMN 24000 - German Thought and Culture: A Survey (W)

Pluralism and Diversity
PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

GERMN 24100 - German Fairy Tales in Translation (W)

## Hunter Core

Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairystory traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
*No "W" designation when offered in Winter Session

## GERMN 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER
3/A

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

## GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr .

## GERMN 37900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr .

GERMN 47900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author. (Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.
GRMN 32400 - Post-Feminist German Literature and Film

Pluralism and Diversity
P\&D C
Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21 st centuries.
prereq: GERMN 20200 or 20300 or equivalent
3 hrs
$3 c r$.

## German: Courses less frequently offered

GERMN 10600 - German through Lieder
GERMN 34300-German Literature from Its Origins to the Age of Goethe

Pluralism and Diversity PD/D

GERMN 36100-Gottfried von Strassburg: Tristan

GER
3/A
GERMN 36200 - Wolfram von Eschenbach: Parzival in translation

GER
3/A

GERMN 36300-Goethe's Faust in English translation

GER
3/A

GERMN 36400 - Heinrich von Kleist

GER
3/A
GERMN 36500-Georg Büchner

GER
3/A

GERMN 36600 - Hermann Hesse

GER
3/A

GERMN 36700 - Hermann Hesse: Magister Ludi

GER
3/A

GERMN 36800 - Rainer Maria Rilke's Duino Elegies

GER
3/A

GERMN 36900 - Thomas Mann's The Magic Mountain

GER
3/A
GERMN 37000 - Franz Kafka

GER
3/A

GERMN 37100 - Bertolt Brecht

GER
3/A
GERMN 37600 - Masterpieces of Modern German Prose in English Translation

GER
3/A

GERMN 37800 - Masterpieces of German Drama in English Translation

GER
3/A

## Greek

## GRK 10100 - Beginning Greek

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr.
offered fall
GRK 10200 - Beginning Greek

3 hrs
3 cr .
offered spring
GRK 11000 - Greek Reading
prereq: GRK 10200 or equiv.
3 hrs
3 cr .
offered fall
GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
3 cr .

## GRK 20300 - Homer

```
prereq: GRK 11000 or equiv.
3 hrs
3cr.
GRK 30100 - Plato II
prereq: GRK 20200 or equiv.
3 hrs
cr.
GRK 30200-Euripides
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30300 - Greek Lyric Poetry
prereq: GRK 20200 or equiv.
3 hrs
3cr.
```

GRK 30400 - Aristophanes and Menander
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30500 - Attic Orators
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30700 - Sophocles
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30800-Aeschylus
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30900 - Herodotus
prereq: GRK 202 or equiv.
3 hrs
$3 c r$.

## GRK 31000 - Thucydides

prereq: GRK 20200 or equiv.
3 hrs
3 cr .

## GRK 32000 - Topics in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.
prereq: GRK 20200 or equivalent
3 hrs
3 cr.

## GRK 42100 - Independent Study in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr .

## Hebraic Culture

(Conducted in English)

## HEBR 21000 - Selected Studies in Hebrew Literature in Translation

Pluralism and Diversity
PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr.
HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)
Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr .
HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER
2/C
Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism. 3 hrs
3 cr

HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material. prereq: ENGL 12000
3 hrs
3 cr .
HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr
HEBR 22000 - Israeli Cinema

## Pluralism and Diversity

PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

## HEBR 22100 - Modern Israeli Culture

## Hunter Core

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

## HEBR 22200 - Introduction to Jewish Texts and Writings

## Hunter Core

World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

## HEBR 24000 - Introduction to the Old Testament

## Hunter Core

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

## HEBR 25000 - Topics in Hebraic Studies

Pluralism and Diversity
PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr
HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization. 3 hrs
3 cr

HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr .
HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A
Comparative study of ancient Near Eastern literature and the Hebrew Bible.

3 hrs
3 cr

## HEBR 28800 - Ancient Hebraic Folklore

Pluralism and Diversity
PD/A
GER
2/C
Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apoyphal literature and rabbinic Aggada.
3 hrs
3 cr
HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C
Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr

## HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C
Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought. 3 hrs
$3 c r$

## HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
$3 c r$

## HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

## HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr

## Hebrew - Introductory Courses

## HEBR 10100 - Elementary Hebrew I

## Hunter Core

World Culture and Global Issues (WCGI)
Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 101 not credited without HEBR 102.
HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
3 cr.
HEBR 10300 - Intensive Elementary Hebrew

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
6 hrs
6 cr .

## HEBR 10500 - Elementary Biblical Hebrew I

## Hunter Core

World Culture and Global Issues (WCGI)
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.
Not credited without HEBR 10600
3 hours
3 credits

## HEBR 10600 - Elementary Biblical Hebrew II

The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.
3 hours
3 credits

## HEBR 20100 - Intermediate Hebrew I

Continued practice in conversational Hebrew, grammar and composition.
prereq: HEBR 10200 or equiv.
3 hrs
3 cr.

## HEBR 20200 - Intermediate Hebrew II

```
Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.
prereq: HEBR 20100 or equiv.
3 hrs
cr.
```


## HEBR 20500 - Intermediate Biblical Hebrew I

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses. prereq: Biblical Hebrew 10600 or equivalent.
3 hours
3 credits

## HEBR 20600 - Intermediate Biblical Hebrew II

```
This is the 4th semester of the 4-semester Biblical Hebrew series.
prereq: HEBR 20500 or equivalent.
3 hours
3 credits
```


## Hebrew Advanced Courses

```
HEBR 31000 - Modern Hebrew Literature I
Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3cr
```

HEBR 31100 - Modern Hebrew Literature II
GER
3/A
Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.
HEBR 31500 - Biblical Literature: Pentateuch
Pluralism and Diversity
PD/A
GER
3/A
Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 31600 - Biblical Literature: Historical Books
Pluralism and Diversity
PD/A
GER
3/A
Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.
HEBR 31700 - Biblical Literature: Prophetic Books

```
Pluralism and Diversity
PD/A
GER
3/A
Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr
HEBR 31800 - Biblical Literature: Hagiographa
Pluralism and Diversity
PD/A
GER
3/A
Selections from Job, Proverbs, Psalms and the five Magillot.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32000 - The Modern Hebrew Short Story
GER
3/A
Extensive reading of short stories from late 19th century to present, illustrating different literary trends. prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 32100 - Talmudic Literature
Pluralism and Diversity
PD/A
GER
3/A
Selections from Talmud and Midrash.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32200 - Medieval Literature
Pluralism and Diversity
PD/D
GER
3/A
Selections from literature of Golden Age in Spain.
```

```
prereq: HEBR 20200 or equiv.
```

3 hrs
3 cr

## HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

```
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3cr
```

HEBR 32400 - The Modern Hebrew Essay
Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32500 - History of Modern Hebrew Literature
GER
3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32600 - Hebrew Poetry Between the Two World Wars

## GER

3/A

Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman. prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels. prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32800 - Contemporary Hebrew Prose

GER
3/A

Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A. Applefeld and A. B. Yehoshua.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 33100 - Medieval Hebrew Philosophic Texts

## GER

3/A

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed). prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 35100 - Hebrew Grammar and Composition

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Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in
composition.
prereq: HEBR 20200 or equiv.
3 hrs
3cr
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## HEBR 35700 - Approaches to Main Problems in Hebraic Studies

Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.

There are "unlimited" repeats for this course.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 37100 - Hebrew Conversation I

Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.
prereq: HEBR 20100 or 3 years of high school Hebrew or equivalent; intensive practice in spoken language

3 hours
3 credits

## HEBR 37200 - Hebrew Conversation II

Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.
prereq: HEBR 20100 or 3 years of high school Hebrew; intensive practice in spoken language
3 hours
3 credits

## HEBR 45100 - Selected Studies in Hebrew Literature

## Pluralism and Diversity

PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3 cr

## HEBR 49000 - Independent Studies

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: permission of division head
hrs TBA
3 cr

## HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr .

## Hebrew: Second Language Acquisition

## HEBR 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000

3 hrs
3 cr

## History: European History

## HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 12200-19th and 20th Century Europe (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 20100 - Ancient Civilization

## GER

2/B
Development of civilization in the Near East. Its expansion under Greece and Rome to 500 CE in the Mediterranean basin.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 21100-Medieval Civilization (W)

Pluralism and Diversity
PD/D

Social, institutional and cultural history of Western Europe from the late Roman period to the Black Death in the mid14th century.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 120
3 hrs
3 cr .

## HIST 24200 - The Holocaust: An Introduction

## Pluralism and Diversity <br> PD/D

The attempt to exterminate the Jewish people by the Nazis.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 30200-Greek History

```
Pluralism and Diversity
PD/D
GER
3/B
```

From the Bronze Age ca. 3000 BCE to the Roman conquest. Emphasis on cultural and political contributions of ancient Greece.
Courses at the 300-level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 30300 - Roman History

Pluralism and Diversity
PD/D
GER
3/B

From Iron Age to Justinian; rise and fall of Rome's power and her political and cultural achievements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 30500 - The Age of the Crusades

Pluralism and Diversity
PD/D
GER
3/B
The expansion of western Europe from 800 to 1492 in eastern Europe, the Mediterranean, Asia and Africa, giving particular attention to the Reconquista in Spain and the crusades in the Middle East.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr .

## HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31100 - Europe in the Early Middle Ages

Pluralism and Diversity
PD/D
GER
3/B

The development of European civilization from the fall of the Western Roman Empire to the First crusade.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31200 - Europe in the High Middle Ages

## GER

3/B
The 12th and 13th centuries in Europe; church and state; science and universities; guilds and capitalism.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31300 - Europe in the Late Middle Ages

GER
3/B
Changing aspects of social, institutional, economic and cultural scene; humanism and art in the 14th and 15th centuries. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 31400-Ancient and Medieval Christianity (W)

Pluralism and Diversity
PD/D
GER
3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 31900 - Jewish History in the Medieval and Early Modern Periods (W)
Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from late antiquity to the 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 32100 - History of the Holocaust

## GER

3/B

Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 32400 - Europe in the Age of Renaissance and Reformation (W)

```
Pluralism and Diversity
PD/D
GER
3/B
European life and society in early modern era. Religious, political, economic and social change.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.
```


## HIST 32500 - Europe in the Age of Absolutism and Revolution

GER
3/B
Europe from the middle of the 17th century through the Congress of Vienna in 1815.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 32600 - Europe 1815-1914

GER
3/B
Political, social, intellectual and economic developments from the Congress of Vienna to World War I.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 32700 - Europe since 1914

GER
3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 32900 - History of European Diplomacy

## Pluralism and Diversity

PD/D
GER
3/B
From the Congress of Vienna and national unification movements through the era of total wars and cold war. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 33000 - Social and Economic History of Modern Europe

```
Pluralism and Diversity
PD/D
GER
3/B
Social and economic developments in Europe during the past }200\mathrm{ years.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)
GER
3/B
The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.
```

HIST 33200-Modern Culture from the 18th to the 20th Centuries

GER
3/B
From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science.
European political and social thought.
Courses at the 300-level and above not offered to freshmen.
3 hrs
$3 c r$.

HIST 33400 - France during the Revolution and Napoleonic Eras

GER
3/B
A study of the 18th-century antecedents of the French Revolution, the Revolutionary decade and the Napoleonic period.
Courses at the 300-level and above not offered to freshmen.
3 hrs
$3 c r$.
HIST 33500 - History of Modern France

GER
3/B
The French experience since Napoleon, with emphasis on life and death under the three Republics since 1870.

Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 33600 - History of 20th-Century Germany (W)

## Pluralism and Diversity <br> PD/D

An introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past. This course is an introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.
prereq: ENGL 12000; Not offered to freshmen.
3 hrs
3 cr .

## HIST 33700 - History of Spain

## GER

3/B

From the Middle Ages to the present. Political, economic and social developments.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 33800 - History of Italy (W)

Pluralism and Diversity<br>PD/D<br>GER<br>3/B

Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 34250 - Early British History to 1689

## GER

3/B
Origins, medieval and early modern Britain to the Glorious Revolution.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 34251 - Britain Since 1689

```
Pluralism and Diversity
PD/D
GER
3/B
British history since the Glorious Revolution.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
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## HIST 34300 - England under the Tudors and Stuarts

## GER

3/B

Government and society, 1485-1714.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 34600-Churchill's Britain (W)

## GER

3/B

The history of Britain and its empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century.The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.
Courses at the 300-level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .

## HIST 37400-Russia to the 20th Century

Pluralism and Diversity
PD/D
GER
3/B

Political, socioeconomic and cultural development of Russia from its Kievan origins to the crisis of monarchy. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 37500 - Late Imperial Russia and the Soviet Union

```
Pluralism and Diversity
PD/D
GER
3/B
Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
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HIST 37600 - Soviet Foreign Policy
GER
3/B

Objectives and strategies adopted by the Soviet government from the Russian Revolution of 1917 to the end of World War II.
Courses at the 300 -level and above not offered to freshmen.
prereq: at least one course in 20th century Europe or European diplomacy is recommended
3 hrs
3 cr .

HIST 38400 - Problems in European History (W)

GER
3/B

Intensive reading and research in selected topics.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 48400 - Problems in European History (Honors) (W)

GER
3/B

Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
3 hrs
3 cr .

## History: United States History

## HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)

## GER

1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 31600 - History of Religion in the United States

GER
3/B
Changing European churches and indigenous American sects; their architecture, leaders and ideas.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 31700 - History of the American City

Pluralism and Diversity
PD/D
GER
3/B
History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 31800 - History of the American Working Class (W)

Pluralism and Diversity
PD/D
GER
3/B

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr
HIST 35300 - History of New York City

## GER

3/B

Urban development; emergence as the financial and cultural capital of the nation; ethnic and racial diversity; dynamics of economic and physical growth; problems of city politics.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.
HIST 35400 - The American Colonies in the 17th Century (W)

## GER

3/B

Comparative treatment of settlement in the Spanish, Portuguese, French, Dutch and English colonies.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 35500 - The American Colonies in the 18th Century (W)

GER
3/B

Social, political and cultural changes.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## HIST 35600 - The Early Republic

## GER

3/B

Politics and society in the period of Jefferson and Jackson; reform, expansion and change.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 35700 - American-Jewish History (W)

```
Pluralism and Diversity
PD/D
GER
3/B
Development of the American Jewish community; economic, political and social integration; cultural adaptation.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
cr.
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HIST 35800-20th Century United States (W)
Pluralism and Diversity
PD/D
GER
3/B
Leading personalities and domestic problems of the U.S. Since 1900.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 35900 - Immigration and Ethnicity in the United States

Pluralism and Diversity
PD/D
GER
3/B

Experience of immigrant groups since Colonial times; motives for coming; economic and social adjustment; encounter with prejudice; ethnic institutions.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.

## HIST 36100 - America and the World in the 20th Century

Pluralism and Diversity
PD/D
GER
3/B

The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.
Courses at the 300-level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr.

## HIST 36200 - Biography and Autobiography in the History of the U.S.

## GER

3/B

Studies of Americans prominent in politics, art and national life.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36300 - American Cultural History

## Pluralism and Diversity

PD/D
GER
3/B
An exploration of several significant themes in American cultural history from the late nineteenth through the late twentieth centuries. Through close readings of selected primary and secondary works (both written and visual) we will consider the meanings of popular, proto-mass, and mass culture as well as the nature of different levels of cultural tastes and styles in modern American history. Reflecting on the broader social and political context of these developments we will study a range of topics, including the myth of the self-made man, the role of the frontier and the cowboy, and critiques of mass consumer culture. Central to our historical examination of American culture will be an effort to appraise and describe: how American writers, artists, orators, cultural critics and everyday people constructed narratives (written, spoken, musical, visual) of identity for themselves along ethnic, racial, gendered, class-based and national lines; how the construction of those narratives were related to each other, and, how those narratives changed over time depending on specific political and social contexts.

Not open to students who took HIST 34174, the experimental version of this course.
3 hrs
3 cr .

## HIST 36400-American Constitutional History, 1783 to 1900

Pluralism and Diversity
PD/D
GER
3/B

Development of constitutional thought from the framing of the Articles of Confederation to 1900.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36500 - American Economic History

## GER

3/B
Rural agrarianism to advanced industrialism. Political and social forces, problems of capitalism, social classes. Courses at the 300 -level and above not offered to freshmen.

3 hrs
3 cr .

## HIST 36600 - Role of Women in American History

Pluralism and Diversity
PD/D
GER
3/B

Women in all aspects of the country's past; drive to suffrage and its aftermath.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36700-Civil War and Reconstruction

Pluralism and Diversity
PD/D
GER
3/B

Slavery, sectional conflict, political crisis of Union. New interpretations of postwar race relations.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36900 - African American History in the United States

## GER

3/B

From the Colonial era to the present. Slavery, emancipation, social and cultural transformation, political turning points and economic issues.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 37000 - The West in American History

## GER

3/B
As an undeveloped area; westward expansion, Indian-white relations; paradoxes of government policy; the modern West.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

HIST 38300 - Problems in U.S. History (W)

GER
3/B

Intensive reading and research in selected topics.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 48300 - Problems in U.S. History (Honors) (W)

GER
3/B

Courses at the 300 -level and above not offered to freshmen.
prereq: perm chair
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## History: World/Nonwestern/Latin American History

## HIST 11100 - World History to 1500

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 11200 - World History from 1500 to the Present

Hunter Core<br>World Culture and Global Issues (WCGI)<br>\section*{GER}<br>2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300 -level and above not offered to freshmen.

3 hrs
3 cr .

## HIST 20800-History of the Jews

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

## HIST 21000 - History of Judaism

## GER

2/B
Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 27200 - History of Latin America in the 19th and 20th Centuries

Political, economic, social and cultural transformations contributing to the development of modern Latin America. Emphasis will be on major historical processes and their impact on the region's cultural diverse population. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800

Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the

Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27651 - The Modern Middle East from 1800 to the Present

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Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
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## HIST 27700 - East Asia to 1600

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> Pluralism and Diversity <br> PD/A <br> GER <br> 2/B

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27800 - East Asia, 1600 to the Present

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 28800 - History of Africa to the 19th Century
Pluralism and Diversity
PD/A
GER
2/B
Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact
of the environment.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 28900 - Africa in the 19th and 20th Centuries

Pluralism and Diversity
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 30100 - History of the Ancient Near East

GER
3/B

Political and cultural developments in Egypt, Mesopotamia, Syria-Palestine, Asia Minor, Persia ca. 3000 BCE to 323
BCE.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

## HIST 37300 - History of the Ottoman Empire (W)

Pluralism and Diversity
PD/A
GER
3/B
This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the $12^{\text {th }}$-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.

3 hrs
3 cr .

## HIST 37700 - Ancient and Imperial China to 1800

## GER

3/B

China's traditions and transformation from Neolithic times to the late-imperial period, emphasizing state/society relations and the development of the centralized bureaucratic political system; covers political, economic, religious and social developments.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 37800 - China Since 1800

## GER

3/B

Internal and external challenges to China's traditional order; the collapse of the imperial system and the establishment of a republic; the warlord period; the war against Japan; the civil war between Communist and Nationalist forces;
China since the rise of the Communist Party to state power in 1949.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 37900 - Japan to 1800

## Pluralism and Diversity

PD/A
GER
3/B

Japanese history from Neolithic times to the late Tokugawa period, emphasizing political, social, religious and cultural developments.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 38000 - Japan since 1800

## Pluralism and Diversity

PD/A
GER
3/B
Japan's remarkable transformation from the late Tokugawa to the present, emphasizing political, cultural and socialeconomic aspects of the Meiji Restoration, the rise of militarism and post-World War II developments.
Courses at the 300 -level and above not offered to freshmen.

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3 hrs
3cr.
HIST 38500 - Problems in Non-Western History (W)
GER
3/B
Intensive reading and research in selected topics.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
HIST 38900 - History of South Asia
GER
3/B
History of India and nearby countries from the ancient to modern times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
cr.
HIST 39000 - History of Modern West Africa
GER
3/B
Impact of Islam, Christianity and colonialism. Analysis of African nationalism and problems of independence.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
HIST 48500 - Problems in Non-Western History (Honors) (W)
GER
3/B
Courses at the 300 -level and above not offered to freshmen.
prereq: perm chair
3 hrs
cr.
History: Topical, Seminar and Tutorial Courses
```

Selected themes in history that bear on current problems and situations.
3 hrs
3 cr .

## HIST 25000 - Historical Issues

```
Pluralism and Diversity
PD/B (HIST 25004 only)
Study of selected historical themes and issues. Topics vary each semester. May be taken a second time.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
```


## HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more selfdirected, substantial and independent historical research projects in the future.
prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr .

## HIST 29100 - Historical Methods

The study of history, its sources and its methods.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 30000 - Historical Research (W)

GER
3/B

Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300 -level and above not offered to freshmen.
prereq: HIST 29000 and departmental permission
3 hrs
3 cr .

## HIST 34100 - Topics in History

## GER

3/B

Exploration of major trends, special controversies or significant events; topics vary each term.
Courses at the 300 -level and above not offered to freshmen.

```
3 hrs
3cr.
HIST 34122 - Latin American Political Economy
GER
3/B
courses at the 300-level and above not open to freshmen
3 hrs
3cr.
HIST 34139 - African Influences in the Americas
GER
3/B
Courses at the 300-level and above not open to freshmen
3 hrs
3 cr.
HIST 38200 - Historical Studies Seminar
GER
3/B
Topics vary each term.
Courses at the 300-level and above not offered to freshmen.
prereq: GPA 2.8; history GPA 3.5
3 hrs
3 cr.
HIST 39100 - Historical Restoration and Museum Work
GER
3/B
Introduction to museum work.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.
HIST 40000 - Historical Research [H]
GER
3/B
```

The origins of history writing and the modern historical profession; modes of historical research; the evaluation of historical evidence; the historical and social uses of history. Recommended for all history majors. Required of students who wish to graduate with honors in history.
Courses at the 300-level and above not offered to freshmen.

```
prereq: not open to students who have completed fewer than 80 credits
```

3 hrs
$3 c r$.

## HIST 49200 - Honors Seminar in Historical Studies

3 hrs
3 cr .

## HIST 49300-Individual Tutorial Research Project

## GER

3/B
Research paper under individual supervision of faculty member.
Courses at the 300-level and above not offered to freshmen.
prereq: perm chair and instr.
3 hrs
3 cr .

## HIST 49800 - Internship

Work in professional institutions.
Courses at the 300 -level and above not offered to freshmen.
prereq: perm chair
1-6 cr.

## Human Rights

## HR 12000 - Special Topics in Human Rights

This course covers special topics in human rights. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. The course may be repeated four times for credit with different topics.
prereq: ENGL 12000; HR 20000 is recommended but not required
3 hrs
$3 c r$.
HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)
Pluralism and Diversity
PD/D
GER
3/B

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.
prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.
3 hrs
3 cr .
fall and spring; summer when possible

## HR 25000 - Human Rights Internship

This is a practicum course. It involves students participating in an organization that identifies its mission as the promotion of human rights. The aim of the course is to educate students in the practical dimension of translating human rights discourse and law into practice. The course is required for students seeking a Human Rights Certificate or a minor in Human Rights.
prereq: ENGL 12000 or equivalent; HR 20000 or equivalent
3 hrs
3 cr .
fall, spring, and summer

## HR 26000 - Human Rights Internship Seminar (W)

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.
prereq: ENGL 12000 and HR 20000
prereq or coreq: HR 25000
3 hrs
3 cr .
fall semesters on Wednesdays, 10:10 a.m. - 1:00 p.m. It is recommended that students not take an earlier Wednesday morning class, as site visits off campus may start at 10:00 a.m.

## HR 32000-Special Topics in Human Rights

This course covers special topics in human rights on an advanced undergraduate level. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. May be repeated four times for credit with different topics.
prereq: ENGL 12000; HR 20000 or Permission of Instructor or Permission of Human Rights Program Director 3 hrs
$3 c r$.

## HR 35000 - Human Rights Capstone Seminar (W)

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a $20-25$ page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.
prereq or coreq: HR 26000
Offered spring 2012; not offered fall 2011

## Humanities and The Arts

## HUM 11000 - Map of Knowledge (W)

## GER

2/C
Introduction to range of knowledge available in the curriculum. Discusses subject matter and methodology of various disciplines as well as their relations within and across the curriculum to aid students in making intelligent choices in their course of study.
3 hrs
3 cr .

## HUM 15000 - Introductory Topics in Humanities and the Arts

```
Specific topics will be listed in the Schedule of Classes for a given semester.
prereq: in accordance with depts sponsoring the course
3-6 hrs
cr.
```


## HUM 20100 - Explorations in the Arts

## Hunter Core

Creative Expression (CE)
GER
2/D
Introduction to temporal and spatial arts with special emphasis on theatre, film, music, and visual arts. Focus on principles they share as well as on their distinguishing features. Attendance at artistic events in NYC.
3 hrs
3 cr .

## HUM 25000 - Intermediate Topics in Humanities and the Arts

Specific topics will be listed in the Schedule of Classes for a given semester.
prereq: in accordance with depts sponsoring the course
3-6 hrs
3 cr .

## HUM 35000-Advanced Topics in Humanities and the Arts

Specific topics will be listed in the Schedule of Classes for a given semester.
prereq: in accordance with depts sponsoring the course
3-6 hrs
3 cr .

## Japanese

## JPN 10100 - Elementary Japanese I

```
Hunter Core
World Culture and Global Issues (WCGI)
Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation.
JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .
```


## JPN 10200 - Elementary Japanese II

```
Continuation of 10100.
prereq: JPN 10100 or equiv.
3 hrs
3cr.
```

JPN 20100 - Intermediate Japanese I
Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.
prereq: JPN 10200 or equiv.
3 hrs
3 cr .
JPN 20200 - Intermediate Japanese II

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
3 cr .

JPN 25100 - Japanese Culture Before 1600

Pluralism and Diversity
PD/A
GER

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr

## JPN 25200 - Japanese Culture Since 1600

## Pluralism and Diversity <br> PD/A <br> GER <br> 2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

## JPN 26100 - Special Topics in Japanese Culture

## Pluralism and Diversity

PD/A
GER
2/C
Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## JPN 27100 - Japanese Reading: Recitation and Comprehension

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.
prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor
3 hrs
3 cr .

## JPN 30100 - Advanced Japanese I

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
prereq: JPN 20200 or equiv.
3 hrs
$3 c r$.

## JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.
3 hrs
3 cr.

## JPN 35100 - Advanced Japanese Conversation

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.
prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr .

## JPN 42101 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
1 hr
1 cr .

## JPN 42102 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
2 hrs
$2 c r$.

## JPN 42103 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
3 hrs
3 cr.

## Jewish Studies

## JS 30000 - Independent Studies

Not open to students who have completed fewer than 30 credits. Guided readings under faculty supervision on a topic in Jewish Social Studies. May be repeated up to 3 times for a total of not more than 9 credits.
prereq: 3 cr. in Jewish Studies recommended
1-6 hrs
1-6 cr.

## JS 31000 - Jewish Studies Fieldwork

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr .
prereq: qualified $J r / S r$.
hrs TBA
3-6 cr.

## JS 40000 - Individual Honors Project

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified $\mathrm{Jr} / \mathrm{Sr}$, perm instr. or program director
prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

## JS 41050 - Jewish Studies Seminar I

Selected topics and problems in Jewish studies.
prereq: qualified $J r / S r$, perm instr. or program director
3 hrs
3 cr. each

## JS 41051 - Jewish Studies Seminar II

Selected topics and problems in Jewish studies.
prereq: qualified $J r / S r$, perm instr. or program director
3 hrs
3 cr. each

## Latin

## LAT 10100 - Beginning Latin

```
Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr.
offered fall
```


## LAT 10200 - Beginning Latin

## 3 hrs.

3 cr .
offered spring
LAT 10700 - Beginning Latin, Intensive

```
6 hrs
cr}
usually offered spring and summer
```


## LAT 11000 - Latin Reading

```
prereq: LAT 10200 or equiv.
```

3 hrs
3 cr.
offered fall

LAT 20100-Ovid's Metamorphoses

```
prereq: LAT 11000 or equiv.
3 hrs
cr}
```


## LAT 20200 - Roman Biography

```
prereq: LAT 11000 or equiv.
```

3 hrs
$3 c r$.

LAT 20300 - Vergil's Aeneid
prereq: LAT 11000 or equiv.
3 hrs
$3 c r$.
LAT 20400 - Cicero's De Senectute

```
prereq: LAT 11000 or equiv.
3 hrs
cr.
```

LAT 22000-Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr .
offered summer

## LAT 30200 - Roman Letter

prereq: LAT 20100 or equiv
3 hrs
3 cr .

LAT 30300 - Roman Comedy

```
prereq: LAT 20100 or equiv.
3 hrs
cr.
LAT 30400 - Roman Satire
```

prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30500 - Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30600 - Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30700 - Lucretius' De Rerum Natura
prereq: LAT 20100 or equiv.
3 hrs
3 cr.
LAT 30800 - Roman Epic

```
prereq: LAT 20100 or equiv.
3 hrs
```

3 cr .

LAT 30900 - Lyric Poetry of the Golden Age

```
prereq: LAT 20100 or equiv.
```

3 hrs
3 cr .

## LAT 31000 - The Roman Novel

```
prereq: LAT 20100 or equiv.
3 hrs
3cr.
```

LAT 31100 - Elegiac Poets
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31200 - Livy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31400 - Tacitus
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 32000 - Topics in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.
prereq: LAT 20100 or 20200 or 20300 or equivalent
3 hrs
3 cr .

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr .

## Latin American and Caribbean Studies

## LACS 33000 - Latin America and the Caribbean Field Course/Internship

A field course for students to study in the region or who are interning in an institution either in the New York area or in the region. Major research paper based on field or internship experience.
3 cr.

## LACS 43400 - Seminar in Latin American and Caribbean Studies

Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have instructor permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 edits.
3 cr.

## Macaulay Honors

MHC 10000 - MHC Seminar 1, The Arts in New York City (W)

## Hunter Core

Creative Expression (CE)
Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre
prereq: Open to Macaulay Honors College students only
3 hours
3 credits

## MHC 15000 - MHC Seminar 2: Peopling of New York (W)

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Fulfills GER 2B, Social Science: People and Their Societies.
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits
MHC 20000 - MHC Seminar 3: Science and Technology (W)

```
Hunter Core
Scientific World (SW)
GER
GER 3B
prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College
campus
3 hours
3 credits
```


# MHC 25000 - MHC Seminar 4: Shaping the Future of New York City (W) 

## Pluralism and Diversity

Macaulay Honors College
Fulfills GER 2B, Social Science: People and their Societies
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits

## Mathematics and Statistics: Mathematics

In planning their schedules, prospective majors should note that some advanced required courses are offered only once each year and several advanced elective courses are offered only once every other year. A rotation schedule for course offerings is available in the department office and on the departmental web site.
Prerequisites: Because of the nature of mathematics, the department recommends that students refrain from enrolling in any course that carries prerequisites unless these prerequisites have been completed with a grade of C or better.

## MATH 10000 - Basic Structures of Mathematics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department prereq: CUNY Math Proficiency
3 hrs
3 cr.

## MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr .

## MATH 10200 - Mathematics and Everyday Life

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.
prereq: CUNY Math Proficiency
3 hours
3 credits

## MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.
prereq: grade of C or better in MATH 10100 or appropriate score on the placement exam
3 hrs
3 cr .

## MATH 10500 - Mathematics for Elementary Education II

## GER

1/B
Continuation of MATH 10400. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity.
prereq: grade of C or better in MATH 10400
3 hrs
3 cr .

## MATH 11000-Topics in the Mathematical Sciences

## GER

1/B
Not open to students who have completed MATH 10500, 16000 or 26000 . Intended for liberal arts or social science students. Applications of topics selected from algebra, analysis, computer science, geometry, probability and statistics. prereq: college-level mathematics or statistics course.
3 hrs
3 cr .

## MATH 11100 - Matrices, Vectors and Linear Programming

Not open to students who have completed MATH 16000 or 26000. Recommended for accounting students; not recommended for students majoring in mathematics or statistics. Introduction to matrices and vectors, systems of linear equations and linear programming with applications.
prereq: MATH 10100 or appropriate score on placement exam
3 hrs
3 cr.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same
package is used to create reports of their results.
prereq: MATH 15000
2 hrs
1 hr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .

## MATH 16000 - Matrix Algebra

## GER

1/B
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## MATH 25000 - Calculus with Analytic Geometry III

GER
3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.
MATH 25400-Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

## MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates. prereq: MATH 25000
3 hrs
3 cr .

## MATH 26000 - Linear Algebra

## GER

3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications. prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

## MATH 27500 - Symbolic Logic

GER
3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed PHILO 27500
prereq: MATH 15600
3 hrs
3 cr .

## MATH 29500 - Intermediate Topics in Mathematics

## GER

3/B

May be repeated as topics vary, but not more than twice. Topics to be studied in any given term will be announced prior to registration.
prereq: MATH 15000; additional prereqs depend on specific course offered
3 hrs
3 cr .

## MATH 30100 - Mathematical Methods for the Physical Sciences

## GER

3/B

The solution of linear partial differential equations and boundary value problems. Solution techniques such as separation of variables, Fourier series, Green's functions and Laplace transforms are covered. These are applied to several equations which occur in physical applications such as the heat equation, the Laplace equation and the wave equation. Crosslisted as PHYS 30100.
prereq: MATH 25400
3 hrs
3 cr .

## MATH 31100-Abstract Algebra I

## GER

3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr .

## MATH 31200 - Abstract Algebra II

## GER

3/B
Elements of Galois theory, construction with ruler and compass, advanced topics in ring theory and linear algebra. prereq: MATH 31100
3 hrs
3 cr .

## MATH 31300 - Theory of Numbers

GER
3/B

Congruences, quadratic residues, elementary Diophantine analysis, continued fractions, sums of squares. prereq: MATH 26000
3 hrs
3 cr .

## MATH 33100-Geometries

GER
3/B
Topics in affine and projective geometry and/or topics in differential geometry.
prereq: MATH 26000

```
3 hrs
3cr.
MATH 34000 - Topology
GER
3/B
Metric and topological spaces, continuity, homeomorphisms, compactness, connectedness, homotopy, fundamental group.
prereq: MATH 35100
3 hrs
3 cr.
```

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr .

MATH 35200 - Mathematical Analysis II

GER
3/B

Integration, sequences and series, uniform convergence, differentiation of functions of several variables, inverse and implicit function theorems, formula for change of variables.
prereq: MATH 35100
3 hrs
3 cr .

MATH 35300 - Introduction To Complex Variables

GER
3/B

Complex numbers, analytic functions, elementary functions, contour integrals, Cauchy integral theory, series.
prereq: MATH 15600, 25500
3 hrs
3 cr.

MATH 35400 - Dynamical Systems and Chaos

GER
3/B

Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete onedimensional dynamical systems.
prereq: MATH 25000, 26000
3 hrs
3 cr.

## MATH 37000 - Mathematical Logic

## GER

3/B

A survey of the central results and techniques of metalogic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem Theorem and Church's Theorem on undecidability. Crosslisted as PHIL 37500.
prereq: MATH 26000 or permission of the instructor
3 hrs
3 cr .

## MATH 37100 - Fundamental Concepts of Modern Mathematics

## GER

3/B

Axiomatic approach to set theory: axiom of choice, Zorn's Lemma, transfinite arithmetic.
prereq: two of the following: MATH 26000, 31100, 35100, 35200
3 hrs
3 cr .

## MATH 37600 - Philosophy of Mathematics (W)

## GER

3/B
Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. Cross-listed as PHIL 37600.
prereq: ENGL 12000; PHIL 10100, MATH 27500
3 hrs
3 cr .

## MATH 38500 - Numerical Methods I

## GER

3/B
Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr .

## MATH 39100 - Independent Study in Mathematics

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Independent study and reading under direction of faculty member.
prereq: departmental permission
1 hr
1 cr .

## MATH 39200 - Independent Study in Mathematics

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Independent study and reading under direction of faculty member. prereq: departmental permission
2 hrs
2 cr .

## MATH 39300 - Independent Study in Mathematics

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Independent study and reading under direction of faculty member. prereq: departmental permission
3 hrs
3 cr .

## MATH 39500 - Advanced Topics in Mathematics

GER
3/B

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: MATH 25000, 26000; additional prereqs depend on specific course offered
3 hrs
3 cr .

## MATH 45400 - Calculus on Manifolds

GER
3/B

Functions on Euclidean space, implicit function theorem, Fubini's Theorem, integration on chains and manifolds.
prereq: MATH 35200
3 hrs
3 cr .

## MATH 48500 - Numerical Methods II

## GER

3/B
Advanced topics in numerical solutions to partial differential equations, finite element method, von Neumann stability analysis, finite difference method. Examples from computational fluid dynamics and structural mechanics. Cross-listed as CSCI 48500 and PHYS 48500.
prereq: MATH 38500 or permission of instructor
3 hrs
3 cr .
MATH 49000 - Honors Seminar

## GER

3/B
prereq: MATH 31100, 35100, departmental permission
3 hrs
3 cr .

## Mathematics and Statistics: Statistics

In planning their schedules, prospective majors should note that some advanced required courses are offered only once each year and several advanced elective courses are offered only once every other year. A rotation schedule for course offerings is available in the department office and on the departmental web site.
Prerequisites: Because of the nature of mathematics, the department recommends that students refrain from enrolling in any course that carries prerequisites unless these prerequisites have been completed with a grade of C or better.

## STAT 11000 - Selected Topics in Elementary Probability and Statistics as Applied to Popular Science and Current Events

## GER <br> 1/B

Topics to be studied in any given term will be announced prior to registration. This course does not serve as a prerequisite for any other mathematics or statistics course. This course is a topics course that serves as an introduction to selected topics in probability and statistics with applications to the real world.
prereq: CUNY Math Proficiency
3 hrs
3 cr

## STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing.

Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## STAT 21200 - Discrete Probability

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21400 - Data Analysis Using Statistical Software

## GER

3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building prereq: STAT 21300 or MATH 12500 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr.

## STAT 22000 - Statistical Analysis in Forensics

GER
3/B
A second course in probability and statistics and the evaluation of evidence in the forensic sciences.
prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200 or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.
3 hrs
3 cr .

## STAT 29500 - Intermediate Topics in Statistics

## GER

3/B
Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: STAT 21300 or STAT 11300 and MATH 12500; additional prereqs. depend on specific course offered.
3 hrs
3 cr .

## STAT 31100 - Probability Theory

## GER

3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
$3 c r$.

## STAT 31200 - Stochastic Processes

## GER

3/B
Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr .

## STAT 31300 - Introduction to Mathematical Statistics

GER
3/B
Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr .
STAT 31900 - Bayesian Statistical Inference in the Sciences
GER
3/B

Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

## STAT 35100 - Advanced Biometrics

GER
3/B
A second course in statistics covering quantitative methods applicable in the life sciences. Topics include experimental design, life table analysis, ethical issues, survival analysis, logistic regression and Cox regression. Linear algebra recommended but not required.
prereq: math at level of MATH 12500, STAT 11300, 21300 or equivalent introductory statistics course
3 hrs
3 cr .

## STAT 39100 - Independent Study

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.
prereq: departmental permission
1 hr .
1 cr .

## STAT 39200 - Independent Study

GER
3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.
prereq: departmental permission
2 hrs .
$2 c r$.
STAT 39300 - Independent Study

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ Majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.
prereq: departmental permission
3 hrs.
3 cr

## STAT 39500 - Advanced Topics in Statistics

GER
3/B

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: STAT 31100; STAT 31200 or 31300; additional prereqs. depend on specific course offered
3 hrs
3 cr.

## STAT 48600 - Modeling and Visualization

## GER

3/B

The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors. prereq: departmental permission
3 hrs
3 cr.

## Medical Laboratory Science

## MLS 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr.

## MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr.

## MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.
coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

## MLS 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr.

## MLS 35100-Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35200 - Clinical Microbiology II

Continuation of MLS 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLS 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

## MLS 35400 - Clinical Biochemistry I: Biomolecules \& Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr .

## MLS 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids. prereq: MLS 35400
5 hrs (2 lec, 3 lab)
3.5 cr .

## MLS 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr .

## MLS 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.

## MLS 40066 - Topics: Biohazards and Emergency Response

This cross-listed undergraduate/masters class covers the biology of microorganisms and toxins most frequently considered in perpetrated attacks. It also considers technology for detection and control for first responders, lab practitioners and other healthcare professionals, emergency communication, and prevention. In addition to classroom activities, students participate in group projects to simulate bioterrorism events and responses; government regulation, chain of evidence, and related topics are covered.
cross-listed EOHS 77025
3 hours
3 credits

## MLS 40067 - Topics: Medical Technology

A review of various disciplines in clinical laboratory technology with a particular focus on clinical chemistry. Recommended for students intending to take the NYSED licensure exam for clinical laboratory technologists. prereq: MLS 35400 and MLS 35500
3 hrs
3 cr.

## MLS 41000 - Professional Practice

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.
prereq: departmental permission
8 weeks
3 cr .

## MLS 43000 - Immunohematology

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.
prereq: MLS 34900
3 hrs (2 lec, 1 lab)
3 cr .

## MLS 45000-Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr .

## MLS 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science. prereq: perm instr.
2 hrs
3 cr .

## MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.

## MLS 48001-48003 - Independent Study

prereq or coreq: departmental permission
1-3
MLS 49000 - Honors
prereq: departmental permission
hrs TBA
3 cr.

## Music: Introductory Courses

## MUSHL 10100 - A Thousand Years of Listening

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive
listening.
3 hrs
3 cr .

## MUSHL 10700 - The World of Music

## Hunter Core <br> Creative Expression (CE) <br> Pluralism and Diversity <br> PD/A <br> GER <br> 2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean. 3 hrs
$3 c r$.

## MUSTH 10100 - Music Theory Fundamentals

## Hunter Core <br> Creative Expression (CE) <br> GER <br> 2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .

## Music: History and Literature of Music

## MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr .
offered fall

## MUSHL 20500-Music History I

## Pluralism and Diversity

PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.

3 hrs
3 cr .
offered fall

## MUSHL 20600 - Music History II (W)

```
Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600
to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3cr.
offered spring
```


## MUSHL 21000 - Music for the Piano (W)

```
Pluralism and Diversity
GER 3/A PD/D
Piano literature from the 18th century to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20000, MUSTH 10100, or perm instr.
3 hrs
3cr.
```

MUSHL 21200 - Masterpieces of Opera (W)
Pluralism and Diversity
PD/D
GER
3/A
Study of operatic styles of such composers as Mozart, Verdi, and Wagner.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 21700 - History of Jazz (W)
Pluralism and Diversity
PD/B
GER
3/A

Survey of jazz from its origins to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr. 3 hrs
3 cr .

MUSHL 22000 - History of Rock

An introduction to rock music from the 1950s to the present, examined from musical and cultural perspectives.
prereq: ENGL 12000 and MUSHL 10100 or MUSHL 10700 or MUSHL 20500 or MUSTH 10100
3 hrs
3 cr .

## MUSHL 22100 - Black Music in the Americas (W)

Pluralism and Diversity
PD/B
GER
3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general. prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 22700 - Master Composers (W)

## GER

3/A

Study of works of single composer. Topics to be announced. May be taken 6 times.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 23100 - Folk and Traditional Music (W)

GER
3/A
Study of ethnic music of selected cultures.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 24000 - Music of the Caribbean and Latin America (W)

```
Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and
other parts of the world.
prereq: ENGL 12000; one of the following:MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3cr.
```

MUSHL 24100 - Music of Asia (W)

## Pluralism and Diversity

PD/A
GER
3/A

Music and its relationship to dance and drama in the major civilizations of East Asia, Southeast Asia, South Asia, Central Asia, and the Middle East.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
3 hrs
3 cr

## MUSHL 24500 - Music of Africa (W)

## Pluralism and Diversity

PD/A
GER
3/A

Introduction to traditional and popular African music and performance practices. Theoretical and methodological issues as defined by ethnomusicology.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 25000 - Women and Music (W)

Pluralism and Diversity
PD/C
GER
3/A
An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed WGSA 25000 (W)
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000, or perm. Instr.
3 hrs
3 cr .
MUSHL 25200 - Film Music (W)
GER
3/A

Introduction to the history, aesthetic, form and techniques of film music, for everyone interested in film or film music, from the casual viewer of television movies and videotapes to film and music majors.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

## MUSHL 26100 - Special Topics in History and Literature of Music (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{A}$ or B or C
GER
3/A

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times.
Depending on topic, may satisfy PD.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 26200 - Special Topics in Music (W)

A study of a musical topic outside the traditional classifications of music history, theory, and performance. Topics to be announced.
prereq: ENGL 12000; MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 30500 - Music History III (W)

```
Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall
```


## MUSHL 30600 - Music History IV (W)

```
Pluralism and Diversity
PD/D
Central issues in the history of European music, such as the role of patronage in musical culture, relationships of
musical style to instruments and performing ensembles, and the impact of historical consciousness on contemporary
musical life.
prereq: MUSHL 30500
3 hrs
3 cr.
offered spring
```


## MUSHL 35200 - Introduction to Ethnomusicology I (W)

Pluralism and Diversity
PD/A
Survey of musical traditions of sub-Saharan Africa, Europe, and the Americas.
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
3 cr .

## MUSHL 35300 - Introduction to Ethnomusicology II (W)

```
Pluralism and Diversity
PD/A
Survey of musical traditions of North Africa, the Middle East, Oceania, and South and East Asia.
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
cr.
```


## MUSHL 36100 - Special Topics in History and Literature of Music (W)

Specialized study of selected genre, locality, period, style, composer, or problem. Topics to be announced. May be taken 6 times.
prereq: ENGL 12000, variable music courses
3 hrs
$3 c r$.

## MUSHL 49800 - Music Internship

Internship in various arts institutions in New York City.
prereq: perm dept.
1-6 cr.

## Music Performance

## MUSPF 12100 - Elementary Guitar I

For non majors. Class lessons in guitar: basic techniques, tuning, reading chord charts, playing and transposing songs, and learning chords, strums, and finger-pickings. Students must supply their own instruments.
prereq: MUSTH 10100 or perm dept.
2 hrs
1 cr .
MUSPF 12200 - Elementary Guitar II
prereq: MUSPF 12100
2 hrs
1 cr .
MUSPF 13100 - Elementary Piano I

For non majors. Class lessons in piano: basic techniques, playing simple pieces.
prereq: MUSTH 10100 or perm dept
2 hrs
1 cr .

## MUSPF 21100 - Voice I

Fundamentals of breath control, tone production, articulation, interpretation, and style. Vocalizes, songs, and arias. prereq: declared music major or perm dept.
2 hrs
1 cr .

## MUSPF 21200 - Voice II

Continuation of MUSPF 21100.
prereq: MUSPF 21100 or perm dept.
2 hrs
1 cr .

## MUSPF 21300 - Piano I

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.
prereq: declared music major or perm dept.
2 hrs
1 cr .

## MUSPF 21400-Piano II

Continuation of MUSPF 21300.
prereq: MUSPF 21300 or perm dept.
2 hrs
1 cr.

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

## MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr.

## MUSPF 24900 - Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs
1 cr .

## MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .
MUSPF 25100 - Jazz Vocal Workshop Ensemble
Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

## MUSPF 34900 - Conducting I

Principles of choral and orchestral conducting: technique of the baton, interpretation, repertoire, and score reading. prereq: MUSTH 33100 or perm instr.
coreq: audit MUSPF 22100 or 23100
3 hrs
$2 c r$.
MUSPF 35000 - Conducting II

Continuation of MUSPF 34900.
prereq: MUSPF 34900 and MUSTH 33100 or perm instr.
coreq: audit MUSPF 22100 or 23100
3 hrs
$2 c r$.

## MUSPF 35300-Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times. prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 35500-Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .
MUSPF 36100-Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced.
May be taken 4 times.
prereq: perm dept.
1 cr .

## MUSPF 36200-Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced. May be taken 4 times.
prereq: perm dept.
2 cr .

## MUSPF 36300-Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced.
May be taken 4 times.
prereq: perm dept.
3 cr.

## MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

## MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

## MUSPF 37000-Opera Performance

Preparation and performance of a fully staged opera. May be taken four times for credit.
prereq: Dept, permission required.
3 hrs
3 cr .

## MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level

2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr.

## MUSPF 40200 - Individual Instruction in Second Instrument or Voice

Individual instruction in second instrument or voice. Limited to the 42-credit BA music major, 25 -credit BA music major, 60 -credit BMus major, BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

## MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60 -credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr .

## Music Theory

## MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

## MUSTH 22000-Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

## MUSTH 22100 - Music Theory II

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Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3cr.
offered spring
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## MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

## MUSTH 23100-Musicianship II

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Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring
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## MUSTH 32000 - Music Theory III

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Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3cr.
offered fall
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## MUSTH 32100 - Music Theory IV

Continuation of MUSTH 32000.
prereq: MUSTH 32000
3 hrs
3 cr .

## MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs

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2cr.
offered fall
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## MUSTH 33100 - Musicianship IV

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Continuation of MUSTH 33000.
prereq: MUSTH 33000
coreq: MUSTH 32100
3 hrs
2cr.
offered spring
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## MUSTH 33300 - Composition I

Practical study of music composition; traditional pitch materials; motivic materials; formal schemes. Students will write several short compositions and perform them in class.
prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr.

## MUSTH 33400 - Composition II

Practical study of music composition. New pitch materials; composing for solo instruments; using contrast to build form. Students will write several short compositions and perform them in class.
May be taken before Composition I.
prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr .

## MUSTH 33500-Orchestration

Capabilities and limitations of the orchestral instruments; practice in scoring for small and large groups; instrument demonstrations and reading session.
prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr .

## MUSTH 35100 - Computer Music

Making music with computers using technologies such as MIDI sequencing, hardware synthesis, and digital audio. Promises and limitations of these tools.
prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr .

## MUSTH 36100-Special Topics in Music Theory

Study of selected issues in music theory and analysis. Topics to be announced. May be taken two times.
prereq: variable
3 hrs
3 cr .

## MUSTH 37000 - Jazz Harmony and Arranging

Study of jazz harmony and rhythm, jazz composition, and jazz arranging.
prereq: MUSTH 20100, 22100 and 23100 or perm dept.
3 hrs
3 cr

## MUSTH 37100 - Jazz Improvisation

Study and performance of jazz improvisational techniques.
prereq: MUSTH 37000 or perm dept.
3 hrs
$3 c r$

## MUSTH 38500 - Private Lessons in Composition

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Intensive study of music composition for advanced students. May be taken four times.
prereq: MUSTH 33300, 33400, perm dept.
3 hrs
cr.
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## MUSTH 49100 - Honors Project

Upper $\mathrm{Jr} / \mathrm{Sr}$ only. Individual project of large scope in music history, theory, composition, or performance. prereq: minimum music GPA of 3.5 , perm undergrad adviser
1 sem
3 cr .
MUSTH 49200 - Honors Project
prereq: MUSTH 49100
1 sem
3 cr .

## Music: Individual Study

## MUSIN 20101 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
1 cr .
MUSIN 20102 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
2 cr.

## MUSIN 20103 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
3 cr .

## MUSIN 30101 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee. 1 cr.

## MUSIN 30102 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
2 cr.

## MUSIN 30103 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
3 cr .

## MUSIN 40101 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee. 1 cr .

## MUSIN 40102 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is
conditional on approval of the proposal by the committee.
2 cr. per sem.

## MUSIN 40103 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
3 cr.

## Nursing

Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of "C" in all required nursing courses. Only one failed required nursing course is repeatable only once by students who have received a "D" or less. Students who fail a second required nursing course in the sequence may not repeat that course and may not continue in the major. This policy applies even though a grade appeal is in progress.

## NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

## NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.
prereq: CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 20000; NURS 24000;
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr

NURS 22000 - Adult Health and IIIness

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced.
Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical

4 cr.

## NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.
For RN to BS students only.

Fully online/hybrid.
prereq: CHEM 10000/10100; STAT 11300
coreq: NURS 20000; NURS 21000
30 hrs. lecture
2 cr.

## NURS 33100 - Pharmacology I

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr.

## NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
prereq: NURS 22000
30 hrs
2 cr .

## NURS 33400 - Pathopharmacology

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management.

4 hrs
4 cr.

## NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000
45 hrs. lecture
3 hrs.

## NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr.

## NURS 34900 - Foundations of Ethics and End-of-Life Care

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "ELNEC Trained."
prereq: NURS 22000, NURS 24000, NURS 38000
coreq: NURS 34300; NURS 36000
45 hrs. lecture
3 hrs.

## NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric
and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

## NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000
22.5 hrs: Lecture; 30 hrs : Lab; 67.5 hrs : Clinical

4 cr.

## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr.

## NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: $\$ 45$
prereq: CHEM 10000, CHEM 10100

3 hrs
3 cr .

## NURS 38400 - Nursing Culturally Diverse Families

## Pluralism and Diversity <br> PD/B

Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr .

## NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr .

## NURS 42200 - Health Policy and Leadership

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
45 hrs: Lecture
3 cr .

## NURS 42300 - Foundations of Ethics and Palliative Care

An introduction to ethics and palliative care in nursing.

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prereq: CHEM 10000/10100; STAT 11300
3 hrs
cr.
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## NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and
environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
$4 c r$.

## NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr .

## NURS 47000 - Adult Acute IIIness/ Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr .

## NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
4 cr .

## NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .

## NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

## NURS 49100 - Gerontology for Nurses

This course provides a knowledge and skill base for effective nursing care of older adult clients.
prereq: CHEM 10000/10100
3 hrs
3 cr.

## NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs : Lab

2 cr .

## Nursing: Electives

## NURS 34000 - Women's Health

[^7]
## 3 hrs

3 cr .

## NURS 34200 - Ethical Issues in Nursing Practice

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

## 3 hrs

3 cr .

## NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers

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Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected
by HIV/AIDS.
3 hrs
3cr.
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## NURS 34600 - Death and Dying

Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3 cr .

## NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.

## NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr .

## NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
3 cr .

## NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
3 cr.

## NURS 44100 - Selected Studies in Nursing Research

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr.

## NURS 44200 - Nursing Care of Acute and Critically III Clients

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr .

## NURS 44500 - Teaching-Learning Across the Developmental and Health Continua

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr .

## NURS 45000 - Computer Concepts and Application in Nursing

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
$3 c r$.

## NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr .

## NURS 49500 - Writing for Health Professionals: A Course for Undergraduates

In this course, students explore and refine their powers of observation, description, and expression through writing. Students engage in prompted narrative writing exercises and produce new out-of-class writings that are discussed in small groups and revised. The cultural and personal context in which writing is produced and read is emphasized. Scholarly and literary works are discussed, as are blogs. Students are guided to explore and test strategies for overcoming personal challenges to timely, effective writing.
prereq: ENGL 12000

45 hrs.
3 cr .

## Nutrition and Food Sciences

## NFS 13100 - Food Science I

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr.
NFS 14100 - Nutrition

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .

NFS 33200 - Cultural Aspects of Food and Nutrition

Study of the way in which cultural, social and technological factors influence food behavior and dietary patterns. Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ANTHP 10100, SOC 101))
3 hrs
3 cr .
NFS 33300 - Nutrition Education

Introduction to the theories and principles of the teaching-learning process in the field of nutrition.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .
NFS 33500 - Institutional Management

Overview of the theories, functions and tasks of management. Discussion of labor and effective methods for directing an operation with applications drawn from food service.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ECO 10000
3 hrs
3 cr .

NFS 34200 - Nutrition and Human Development

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years. Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

## NFS 36100 - Food and the Consumer

Food issues; food services available to the consumer; responsibilities of the private and public sectors.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, 33100, ECO 10000
3 hrs
3 cr .

## NFS 40100-Techniques of Communication in Nutrition

Theory/practice of communications skills for nutritionists/food scientists. Includes food demonstrations, public relations, and advertising.
Open to NFS majors only and need department permission.
prereq: NFS 33300
3 hrs
3 cr .

## NFS 40200 - Seminar in Nutrition and Food Science

Research in nutrition and food science; examination of professional goals.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

## NFS 43100 - Experimental Foods

Scientific approach to food testing; use of instruments and techniques in food and nutrition laboratories.
Open to NFS majors only and need department permission.
prereq: NFS 33100, 34100
5 hrs (2 lec, 3 lab)
3 cr .

## NFS 43400 - Nutrition and the Elderly

Psychological, psychosocial, and economic problems of the elderly; how needs are met by government and private agencies. Application of nutrition to these problems.
Open to NFS majors only and need department permission.
prereq or coreq: NFS 34200, PSYCH 10000, SOC 10100
3 hrs
3 cr .
NFS 43500 - Food Service Systems

The organization and administration of a food service operation from the systems approach on the tactical and strategic level, stressing learning activities and competencies required by the American Dietetic Association.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

## NFS 44100 - Community Nutrition

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

## NFS 44351 - Practicum in Nutrition and Food Science

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Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
7 hrs (1 lec, 6 lab)
cr.
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## NFS 44352 - Practicum in Nutrition and Food Science

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr .

## NFS 44354 - Practicum in Nutrition and Food Science

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr .

## NFS 44355 - Practicum in Nutrition and Food Science

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Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 44200
7rs(1 lec, 6 lab)
3cr.
```

NFS 44356 - Practicum in Nutrition and Food Science

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr.

## NFS 48031 - Independent Study in Nutrition and Food Science

Open to NFS majors only and need department permission.
prereq: NFS 44200, perm dept. chair
hrs TBA
1-3cr.
Respectively may be taken 1 or 2 sem.
NFS 48032 - Independent Study in Nutrition and Food Science

Open to NFS majors only and need department permission.
prereq: NFS 44200, perm dept. chair
hrs TBA
$1-3 \mathrm{cr}$.
Respectively may be taken 1 or 2 sem.

## NFS 49000 - Honors in Nutrition and Food Science

Supervised independent research project. A written report or suitable presentation is required. Proposal must be presented the semester before work is done.
prereq: NFS 44200, perm NFS coordinator
hrs TBA
3 cr.

## Philosophy: Introductory Courses

## PHILO 10100 - Introduction to Philosophy

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester
```


## PHILO 10300 - Introduction to Logic and Critical Thinking

GER
2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr.
offered each semester

## PHILO 10400 - Introduction to Ethics

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>GER<br>2/C

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

## PHILO 10600 - Philosophy, Politics and Society

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester
```


## PHILO 17000 - Introduction to Logic and Scientific Method

## Hunter Core

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs .
3 cr .

## PHILO 20400 - Great Philosophers

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

## Philosophy Courses: Ethics, Politics and Aesthetics

## PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3?A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

Pluralism and Diversity
PD/C
GER
3/A

Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.

PHILO 24400 - Moral Philosophy (W)

## GER

3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 24800 - International Ethics (W)

## GER

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25500 - Environmental Philosophy (W)

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.
prereq: ENGL 12000 and one course in Philosophy
3 hrs
3 cr .

## PHILO 25600 - Philosophical Ideas in Literature (W)

## GER

3/A
Analysis of major philosophical themes in some classics of world literature.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 25800 - Aesthetics (W)

## GER

3/A
Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 34400 - Contemporary Theories in Ethics (W)

## GER

3/A
A study of important theories in contemporary ethics, such as rule utilitarianism, intuitionism, prescriptivism, and constructivism.
prereq: 2 courses in philosophy, 1 at the 200-level.
3 hrs
3 cr

## PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

## PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and
environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr .

## Philosophy Courses: History of Philosophy

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21400-Medieval Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21500 - Foundations of Modern Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21600 - Women Philosophers of the Past

Pluralism and Diversity
PD/C
GER
3/A

Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.
cross-listed WGS 21600
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 21800-Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21900 - Chinese Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.
prereq: ENGL 10000 and one course in Philosophy
3 hrs
3 cr .
PHILO 22300 - Neoplatonism (W)

Pluralism and Diversity
PD/D
GER
3/A

A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.

## PHILO 22600 - African-American Philosophy (W)

## Pluralism and Diversity

PD/B
GER
3/A
Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22800 - Existentialism (W)

Pluralism and Diversity
PD/D
GER
3/A

Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

## Pluralism and Diversity

PD/C
GER
3/A

Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of $20^{\text {th }}$ century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr .

## PHILO 32000 - Twentieth-Century Philosophy (W)

## GER

3/A

Survey of such movements as pragmatism, process philosophy, analytic philosophy, existentialism, phenomenology, feminism and post modernism through consideration of such representative figures as Dewey, Moore, Whitehead, Russell, Husserl, Heidegger, Wittgenstein, Ayer, Sartre, De Beauvoir, Quine, Rorty and Rawls. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

PHILO 32200 - Modern Philosophical Idealism

## GER

3/A
Study of major works of Fichte, Schelling, Hegel, Bradley, Royce and their critics. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.
Philosophy Courses: Logic

## PHILO 27500 - Symbolic Logic

## GER

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

PHILO 27900 - Inductive Logic

## GER

3/B

Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 37500 - Advanced Symbolic Logic

GER
3/B

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.
prereq: PHIL 27500 or equiv.
3 hrs
3 cr .
Philosophy Courses: Major Philosophers

PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)

PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

## PHILO 38010 - Plato (W)

## GER

3A

Intensive study of the works and legacy of Plato.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

## PHILO 38011 - Aristotle (W)

## GER

3A

Intensive study of the works and legacy of Aristotle.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 38020 - Plotinus (W)

GER
3A

Intensive study of the works and legacy of Plotinus.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 38063 - Hume (W)

GER
3A

Intensive study of the works and legacy of Hume.
prereq: Two courses in philosophy, at least one of which is at the 200 level. 3 hrs
3 cr .

## PHILO 38068 - Kant (W)

## GER

3A

Intensive study of the works and legacy of Kant.
prereq: Two courses in philosophy, at least one of which is at the 200 level. 3 hrs
3 cr .

## PHILO 38070 - Hegel (W)

## GER

3A

Intensive study of the works of Hegel.
prereq: Two courses in philosophy, at least one of which is at the 200 level. 3 hrs
3 cr .

## PHILO 38076 - Marx (W)

GER
3A
Intensive study of the works and legacy of Marx (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level 3 hrs
3 cr .

## PHILO 38078 - Nietzsche (W)

GER
3A
Intensive study of the works and legacy of Nietzsche.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 38080 - Wittgenstein (W)

GER
3A
Intensive study of the works and legacy of Wittgenstein.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 38083 - Heidegger (W)

## GER

3A

Intensive study of the works and legacy of Heidegger.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

PHILO 38086 - Foucault (W)

GER
3A

Intensive study of the works and legacy of Foucault.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## Philosophy Courses: Metaphysics and Epistemology

## PHILO 20100 - Knowledge and Reality (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 26200 - Philosophy of Religion (W)

GER
3/A

Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr.
PHILO 26800 - Philosophical Psychology (W)

GER
3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 27000 - Philosophy, Science and Culture (W)

## GER

3/B

Issues relating to the impact of modern science on philosophy, religion and culture.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 36000 - Metaphysics (W)

## GER

3/A

Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 36200 - Theory of Knowledge (W)

GER
3/A
Study of origin, structure, methods and foundations of human knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 36400 - Philosophy of Language (W)

## GER

3/A

Inquiry into the philosophical significance of language, its structure, meaning, reference and use. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 36600 - Philosophy of Mind (W)

GER
3/A

Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 37600 - Philosophy of Mathematics (W)

GER
3/B
Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.
prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
3 cr.

## PHILO 37800 - Philosophy of Biology (W)

Philosophical problems of biology, including evolutionary biology, molecular biology and genetics, and neuroscience. prereq: ENGL 12000 and 2 courses in philosophy, at least one at the 200-level
3 hrs
3 cr .
PHILO 37900 - Philosophy of Science (W)

GER
3/B

Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
Philosophy: Special Courses

## PHILO 20000 - Topics in Philosophy

## GER

3/A

Topics discussed vary from semester to semester.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr .

## PHILO 39300 - Philosophical Systems

```
GER
3/A
Study of writings of one or two major philosophers.
prereq: variable (see Program Prerequisites)
3 hrs
3cr.
```

PHILO 39400 - Philosophical Problems

GER
3/A

Study of one or more major philosophical problems. prereq: variable (see Program Prerequisites)
3 hrs
3 cr .

## PHILO 49200 - Independent Study in Philosophy

Independent study of philosophical works under faculty supervision.
prereq: one PHILO course at 300-level, perm instr. (see Program Prerequisites)
1-6 cr.

## PHILO 49400 - Honors Tutorial in Philosophy

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion is one requirement for departmental honors at graduation.
prereq: 3.0 cum GPA and 3.50 major GPA; philosophy majors only, minor with perm instr; two 300-level PHIL courses, one of which may be taken concurrently; perm dept.
3 or 6 cr.

## PHILO 49800 - Internship

Open to Jr/Sr only. Philosophically relevant internship.
prereq: philosophy major, minor with perm dept adviser; 2.5 cum GPA and 3.0 major GPA (see Program Prerequisites)
1-6 cr.

## Physics

## PHYS 10000 - Basic Concepts of Physics

## Hunter Core

Scientific World (SW)
GER

This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a corequisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.
3 hrs
3 cr .

## PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises

```
Hunter Core
Life and Physical Sciences (LPS)
GER
2/E
```

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.
prereq or coreq: PHYS 10000
3 hrs
$3 c r$.
PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E

First semester of two-semester introductory physics course using algebra. prereq: MATH 12500; pre-calculus or equiv. By math dept. exam. 7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

# PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound 

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)

## GER

2/E
For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

# PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics 

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

# PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics 

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

## PHYS 19000 - Tutorial in Mathematical Physics

Applications of differential and integral calculus to selected topics chosen from the major subfields of physics. Completion of this course and its prerequisites is equivalent to completion of the calculus-based general physics sequence, PHYS 11100 and 12100. prereq: MATH 15500, PHYS 12000
3 hrs (2 lec, 1 rec)
2 cr.

## PHYS 20400 - Electrical Circuits and Laboratory

## GER

3/B
Passive electrical circuits and computer-based data acquisition and analysis, including basic circuit laws, methods of circuit analysis, circuit theorems, operational amplifiers, capacitors and inductors, sinusoids and phasors, sinusoidal steady state analysis, frequency response, and test and measurement instruments, virtual instruments, and data acquisition software.
prereq: PHYS 12100
prereq or coreq: MATH 25400
5 hrs (3 lec, 2 lab)
4 cr .

## PHYS 22100 - Electronics

GER
3/B

Circuit theory of passive devices (resistors, capacitors, and inductors). Semi-conductor principles and transistor amplifier design. Integrated circuit applications and digital computer logic circuit principles.
prereq: PHYS 12000 or PHYS 12100
4 hrs
4 cr.

## PHYS 22200 - Electronics Laboratory

GER
3/B

Experiments are performed with passive devices (capacitors, inductors, resistors) and active devices (diodes, transistors). A variety of transistor amplifier and oscillator circuits are studied as well as integrated circuit applications. prereq: PHYS 22100
4 hrs
2 cr .

## PHYS 22400 - Analog and Digital Electronics and Laboratory

GER
3/B

Semiconductor devices and circuits, including properties of semiconductors, diodes, transistors, amplifiers, oscillators, and digital circuits.
prereq: PHYS 20400
5 hrs (3 lec, 2 lab)
4 cr.

## PHYS 23000-Classical Physics Laboratory

## GER

3/B

Selected experiments of mechanics, electricity/magnetism, and thermodynamics. Experiments may include driven oscillator resonance, coupled oscillators, liquid nitrogen heat of vaporization, Fourier analysis/filtering, ferromagnetic hysteresis, and the nonlinear pendulum period. Elementary error analysis techniques and computer software for data analysis/graphing.
prereq: PHYS 12000 or 12100
4 hrs
2 cr .

## PHYS 23100 - Fundamentals of Laser and Fiber Optics

GER
3/B

Topics in optics related to lasers and optical fiber and devices for modulating and directing signals from such devices. Geometrical optics with emphasis on ray tracing. Matrix methods in optics. Lenses thick and thin, mirrors, prisms and other passive optical elements and systems. Propagation of light in materials. Dispersion and its effects. Special topics

5 hrs
$4 c r$.

## PHYS 23200 - Laser and Electro-Optics Technology

## GER

3/B
Wave optics, interference, coherence, polarization, birefrigence, diffraction, gratings in two and three dimensions, power and energy measurements, basics of laser safety, ultra-fast pulse technology measurements, basics of laser safety, ultra-fast pulse technologies, electro-optics and acoustooptics switches, optical materials, non-linear optics. Laboratory complements classwork.
prereq: PHYS 23100
7 hrs
5 cr .

## PHYS 23300 - Laser Electro-Optics Devices, Measurements and Applications

## GER

3/B
Laser as a device, principle of operation, cavity modes and their control (tuning elements, Q switching, mode-locking) and detection, laser design, types of lasers, includes discussion of laser types for medical, ranging and tracking, material processing, pollution monitoring, and optical memory applications, semiconductor laser. Laboratory complements class work.
prereq: PHYS 23100
6 hrs
$4 c r$.

## PHYS 23400 - Fiber Optics Devices, Measurements, and Applications

## GER

3/B
Propagation of light in optical fiber, including analysis of the behavior of different modes. Dispersion and distortion. Specialized light sources and their characterization. Fiber optic sensors. All optical fiber amplifiers. Optical switches and logic gates. Optical isolators. Techniques for joining fibers. Instruments for characterizing fiber and fiber links. Optical communications systems and protocols. Wavelength division multiplexing. Medical applications including fiber optics-diagnostic and surgical. Optical data processing and optical memories. Laboratory complements classwork. prereq: PHYS 23100
6 hrs
4 cr .

## PHYS 23500 - Modern Physics Laboratory

## GER

3/B
Selected experiments of quantum physics and optics. Experiments may include nuclear half-life, miowave diffraction, Bragg scattering of x-rays, nuclear multichannel scintillation, Franck-Hertz quantum levels, Millikan oil drop. Error
analysis techniques including Gauss and Poisson distributions and correlation of data. Programming for data analysis. prereq: PHYS 12000 or 12100
4 hrs
2 cr .

## PHYS 30100 - Theoretical Physics

Analysis of mathematical techniques for solving partial differential equations occurring in physics. Cross-listed as MATH 301.
prereq: MATH 25400
4 hrs
4 cr.

## PHYS 31100 - Introduction to Fluid Mechanics

This course covers the basic principles of fluid mechanics include statics, forces on plane and curve surfaces, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli's equation, dimensional analysis, and elementary viscous flow. Frictional losses in laminar flow and simple pipe flow analysis are covered. Understanding of the physical phenomena is stressed and vector notation is introduced and used whenever suitable.
cross-listed PGEOG 31100
prereq: PHYS 12100 or PHYS 12000 and MATH 15500
3 hrs
3 cr .

## PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr .

## PHYS 33400 - Intermediate Electricity and Magnetism

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

## PHYS 33500 - Intermediate Mechanics

Study of laws of motion and coordinate systems; introduction to powerful analytical techniques. prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr .

PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr .

## PHYS 34200-Optics

Study of lenses, mirrors, interference, diffraction, and polarization, as well as lasers, holography, and Fourier optics. prereq: PHYS 12000 or 12100; MATH 25000
3 hrs
3 cr .

## PHYS 38500 - Numerical Methods I

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. Cross-listed as MATH 38500 and CSCI 38500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.
prereq: MATH 25400
3 hrs
3 cr .

## PHYS 39900 - Senior Thesis (W)

This course is to prepare the students for graduate research. Each student will undertake a research experience, experimental, theoretical, and/or computational, under the supervision of a department faculty member. A final oral as well as written report will be required. The goals are that the student learns research skills in physics, written and oral communication skills, while furthering their knowledge in a topical area in physics.
prereq: PHYS 11100, 12100
prereq or coreq: ENGL 12000, and at least four 200-, 300-, or 400-level physics courses 3 cr.

## PHYS 41100 - Theoretical Mechanics

Classical mechanics of particles and rigid bodies; special relativity; Hamilton's formulation; Liouville's theorem. prereq: PHYS 33500
prereq or coreq: MATH 25400
3 hrs
3 cr .

## PHYS 41500 - Electromagnetic Theory

Electrostatics; vector analysis, electrostatics, electric fields in matter, magnetostatics, magnetic fields in matter, electrodynamics based on Maxwell equations, and conservation laws.
prereq: PHYS 33400 or PHYS 12100 with permission
prereq or coreq: MATH 25400
3 hrs
3 cr .

## PHYS 41600 - Electromagnetic Theory II

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Electromagnetic waves, guided waves, potential and fields, radiation, electrodynamics and relativity.
prereq: PHYS 41500
3 hrs
3 cr .
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## PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr .

## PHYS 42400 - Plasma Physics

Motion of charged particles in external magnetic and electrical field; fusion using tokamaks, mirrors, and lasers.
prereq: PHYS 33400
3 hrs
3 cr .

## PHYS 42500-Quantum Theory

From Bohr model and DeBroglie waves to Schrodinger wave equation; solutions for simple cases; transformations. prereq: PHYS 33000.
prereq or coreq: MATH 25400
3 hrs
3 cr .

## PHYS 42700 - Intermediate Physics Laboratory

Study of modern experimental techniques in variety of fields.
prereq: PHYS 23500
4 hrs
2 cr .

## PHYS 42800 - Photonics and Laboratory

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Theoretical principles and practical training of selected subjects of modern optics and lasers. prereq: PHYS 33000, PHYS 22200 or 22400
coreq: PHYS 41600 or PHYS 33400
4 hrs
\(2 c r\).
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PHYS 44500 - Solid State Physics

Energy levels in atoms, molecules, and solids; crystal structure; properties of solids; semiconducting devices. prereq: PHYS 33000
3 hrs
3 cr .

## PHYS 45300 - Introduction to Research

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 33000, 33400, 33500, and 42700 or perm chair
1-3 cr

## PHYS 45400 - Introduction to Research

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 45300 or perm chair
1 to 3 cr .

## PHYS 48500 - Numerical Methods II

Topics in numerical methods selected from solutions of linear equations, interpolating functions, root finding methods, nonlinear equations, Fourier series and the fast Fourier transform, partial differential equations. A major term project will be assigned. Cross-listed as MATH 48500 and CSCI 48500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.

3 hrs
3 cr .

## Physics: Courses Less Frequently Offered

## PHYS 24000 - Physics of Biological Systems

GER
3/B

PHYS 24500 - Computer Applications in Physical Sciences

GER
3/B
PHYS 28000 - Astrophysics

GER
3/B

PHYS 36000 - Atomic and Nuclear Physics for Engineers

## PHYS 36400 - Electricity and Magnetism for Engineers

## PHYS 36500-Analytical Mechanics

PHYS 40300 - Topics in Modern Physics

## Political Science: Introductory Courses

The introductory courses acquaint the student with a particular segment of political science: American Government and Politics; Political Theory; Comparative Politics; and International Politics. Each will fulfill three credits of the Broad Exposure/Stage 2, Group B requirement in the social sciences. (POLSC 11000 can be used to fulfill GER 1/C or 2/B), although only one of these courses may be used for that purpose. Only two introductory courses can be applied toward the major. Students who have taken POLSC 11100 may not receive credit for POLSC 11000.

## POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/B

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 11000 - American Government: A Historical Introduction (W)

## Hunter Core

Flexible Core: US Experience in its Diversity

## GER

1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

POLSC 11200 - Introduction to Political Theory (W)

GER
2/B

Selected writings of the great political thinkers. Recurrent problems of politics from Plato to the present. prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## Political Science: 200 Level Core Courses

These core courses are foundational courses for their respective fields and the International Relations course is a prerequisite for many 300-level courses in international relations.

## POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

## GER

2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 25000 - Comparing Countries (W)

## Hunter Core

Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
3/B
Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

## POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)

## GER

3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100 -level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## Political Science: American Government and Politics

## POLSC 11000 - American Government: A Historical Introduction (W)

Hunter Core<br>US Experience in its Diversity (USED)<br>GER<br>$1 / \mathrm{C}$ or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 21100 - State Government and Politics (W)

## GER

3/B

Comparative analysis of state governments. Power and role of governors, state legislatures, parties, lobbies. prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.

## POLSC 21200 - Urban Politics (W)

GER
3/B

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform. prereq: ENGL 12000 or its equivalent

3 hrs
3 cr .

## POLSC 21300 - Political Parties and Elections (W)

```
GER
3/B
Organization, campaigns, nominations, voting behavior, issues, finances, reforms.
prereq: ENGL 12000 or its equivalent
3 hrs
3cr.
```


## POLSC 21500 - Public Opinion and Political Participation (W)

GER
3/B

What American people think about politics and how they express it, from polls to elections to demonstrations. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
POLSC 21700 - Contemporary Issues in American Politics

GER
3/B
Selected topics in American politics and government.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 21800 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B
Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes. cross-listed WGSP 21800 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.
POLSC 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C
GER

Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 22100 - U.S. Immigration Policy (W)

Pluralism and Diversity
PD/B -or- PD/C
GER
3/B
The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.
prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr .

## POLSC 22600 - Interest Group Politics (W)

GER
3/B
Analysis of the organization and role of interest groups in American politics. The course stresses the importance of organizational resources and the ability of interest groups to be "faithful advocates" of member interests in exercising influence in elections and policy-making.
prereq: ENGL 12000 or equivalent
3 hrs
$3 c r$.

## POLSC 22700 - Political Parties (W)

GER
3/B

Theories, historical analysis, and contemporary views of the central institution that links citizens and office holders in the United States, with a focus on the role of parties as vehicles for expressing and pursuing policy goals.

Not open to students who completed POLSC 21400
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 22800 - Protest Movements in American Politics (W)

Pluralism and Diversity
P/D B or C
GER

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

## POLSC 23000 - The American Presidency (W)

GER
3/B

Selection, election, role, functions and powers of the president.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 23500 - The American Congress (W)

GER
3/B

Legislation and policy-making process. Congressional organization, functions and behavior. Lobbies, parties, leaders. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 23800 - The American Legal System (W)

## GER

3/B

Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York law.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 24000 - The American Judiciary (W)

## GER

3/B
The Supreme Court and other federal courts as part of policy-making process in American government. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 24400 - Energy and Environmental Politics and Public Policy (W)

## GER

3/B

Examination of political processes and public policies shaping energy production and consumption in the U.S. with comparative reference to other countries. Emphasis on political, economic, social, environmental and foreign policy aspects.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 27400 - American Foreign Policy (W)

## GER

3/B
Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 30100 - American Political Thought (W)

## GER

3/B
Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr .

## POLSC 31700 - Contemporary Issues in American Politics

## GER

3/B
Selected topics in American politics and government. cross-listed WGS 39800 is cross-listed with POLSC 31707 Community Leadership Seminar prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 32000 - Ethnic Politics (W)

Pluralism and Diversity
PD/B
GER

Ethnicity in local and national politics. Major groups, how they affect government, what government does for them. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 32100 - American Political Economy (W)

## GER

3/B

Critical analysis of the distribution of power between the state and the private sector. Theories about the governmentbusiness relationship are tested through a series of case studies.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 32300 - Politics of Public Budgeting (W)

## GER

3/B

This course sets the processes and techniques of public budgeting within the context of American political institutions at the national, state and local levels.
prereq: ENGL 12000 or the equivalent; two political science courses at the 200-level or above or permission of the instructior
4 hrs
4 cr.

## POLSC 33000 - American Political Development (W)

## GER

3/B

Analysis of the historical development of American politics, including: the impact of the Constitution, ideas, and political culture; state building/unbuilding in different historical eras; and the evolution of citizenship and political participation.
prereq: ENGL 12000 or its equivalent, POLSC 11000 or perm. inst
4 hrs
4 cr .
POLSC 34000 - Constitutional Law: Organizing the Government (W)

GER
3/B
Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.
prereq: POLSC 11000 or 11100 or 23800

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3 hrs
3cr.
POLSC 34100 - Constitutional Law: Civil Rights (W)
GER
3/B
Constitutional problems and Supreme Court decisions regarding race and sex discrimination.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.
```

POLSC 34200 - Constitutional Law: The First Amendment (W)
GER
3/B

Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.

POLSC 34300-Criminal Law (W)

GER
3/B

Constitutional problems and judicial decisions regarding search and seizure, right to counsel, self incrimination. prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.

POLSC 34800 - Public Administration and Public Policy (W)

GER
3/B

Analysis of problems in policy-making and administration, focusing on motivations, ethics, authority. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## Political Science: Comparative Politics

## POLSC 25000 - Comparing Countries (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

## POLSC 25100 - Politics of Africa, Asia and Latin America (W)

GER
3/B
An examination of the nature of governance and politics in Africa, Asia and Latin America. Through in-depth study of several countries, students explore topics and concepts such as political culture, modernization, development, dependency, democracy, political leadership and the processes of policy making.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 25300 - Government and Politics in Latin America (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 25400 - Government and Politics in Western Europe (W)

Pluralism and Diversity
PD/D
GER
3/B
Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 25500 - Government and Politics of Japan and Korea (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Political, social and economic institutions of Japan and Korea; their domestic politics and relations with the world. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 25700 - Government and Politics of China (W)

Pluralism and Diversity
PD/A
GER
3/B
Chinese politics, institutions and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26000 - African Politics through African Films (W)

Pluralism and Diversity
PD/A
GER
3/B
An examination of contemporary African politics using various social science theories, films and documentaries made by African filmmakers.
cross-listed AFPRL 29019, MEDIA 29975, FILM 21462
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26100 - Globalization and Opposition Movements (W)

## GER

3/B
The environmental, social and political effects of economic globalization in less industrialized and in highly industrialized countries; reformist and radical critiques and neoliberal defenses; causes and consequences of opposition movements.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

Pluralism and Diversity
PD/A
GER
3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26300 - Government and Politics in the Middle East (W)

Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26400 - Government and Politics of Israel (W)

## GER

3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26500 - Government and Politics in Eastern Europe (W)

Pluralism and Diversity
PD/D
GER
3/B

Political, social and economic institutions of individual Eastern Central European nations and their post-communist transitions.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26700 - The Politics of Southern Africa (W)

Pluralism and Diversity
PD/A

GER
3/B

Political, economic and social institutions in Zimbabwe, Kenya, Nigeria, Tanzania, South Africa, etc.
cross-listed AFPRL 29015
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 27200 - Contemporary Issues in Comparative Politics

GER
3/B

Selected topics in comparative politics.
prereq: Any 100-level course on POLSC or perm instr.
3 hrs
3 cr.
POLSC 31000 - Comparative Legal Systems (W)

GER
3/B

Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.
prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)

Pluralism and Diversity
PD/D
GER
3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.
prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).
4 hrs
4 cr.
POLSC 35100 - Government and Politics of Russia and the Post-Soviet States (W)

GER
3/B

Post-Soviet politics, institutions, social forces, economic transformations and regions.
prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.
3 hrs
3 cr .

## POLSC 35200 - State and Society in Africa (W)

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/B

An examination of the nature of the relationship between the African state and civil society in the post-independence period and how this relationship influences governance and democracy.
prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.
3 hrs
3 cr .

## POLSC 35300 - Social Movements, Civil Society and the State in Latin America (W)

```
Pluralism and Diversity
P/D A
GER
3/A
```

Analysis of the role of popular and opposition movements in Latin America and their relationship to the state, from the challenges to the dictatorships of the 1970s through the contemporary neoliberal economic order and democratic polities.
prereq: ENGL 12000 or the equivalent; a course in comparative politics; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr.

## POLSC 35600 - India's Democratic Experiment (W)

Pluralism and Diversity
P/D A
GER
3/B

Assesses the nature and durability of India's democratic political system. Examines key events, personalities, institutions, and movements in Indian politics from Independence (1947) to the present. Focuses on the challenge of adapting democratic institutions to circumstances of extreme social diversity and economic deprivation.
prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr .

Pluralism and Diversity
P/D A
GER
3/B

The relationship between democracy and development in post-colonial countries. Questions include: What relations of causality, in either direction, have political scientists sought to establish between democracy and development? What is the impact of globalization on these relations? How can historical analysis help to illuminate these and other issues, such as why some countries have been better at promoting per capita income growth than others? What efforts have been undertaken - by individual citizens, by civic groups, by aid donors - to plug the democratic deficits that arise in the course of pursuing development under $21^{\text {st }}$ Century conditions?
prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
$4 c r$.

## POLSC 37200 - Contemporary Issues in Comparative Politics

## GER

3/B

Selected topics in comparative politics.
prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm instr.
3 hrs
$3 c r$.

## POLSC 37800 - Russian National Interest: Past and Present (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

In a contemporary, historical and comparative context, this course will explore the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.

3 hrs
3 cr .

## Political Science: International Politics

POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)

GER
3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 27100 - International Politics in the Americas (W)

Pluralism and Diversity
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 27300 - Contemporary Issues in International Politics

## GER

3/B

Special issues in international politics. Past topics included the international law of energy, world water resources, war. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 27400 - American Foreign Policy (W)

## GER

3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 27500 - Politics of the Global Economy (W)

GER
3/B

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 27600 - Global Issues (W)

## GER

3/B
Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 27800 - International Organizations (W)

## GER

3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 28000 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

The course examines the roles that women have played as subjects and objects in war and peace.
cross-listed WGSP 26200 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.

3 hrs
3 cr .

## POLSC 28200 - International Security (W)

## GER

3/B
An introduction to basic concepts and problems in the area of international security, this course will explore explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 28300 - Terrorism (W)

## GER

3/B
The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.
prereq or coreq: ENGL 12000 or the equivalent
3 hrs
3 cr .

## POLSC 37300 - Contemporary Issues in International Politics

GER
3/B

Selected topics in international politics.
prereq: ENGL 12000 or its equivalent; POLSC 27000 or 11500 (prior to 9/2010)
3 hrs
3 cr .

## POLSC 37400 - International Human Rights (W)

## GER

3/B
An examination of the origins, substance and processes of human rights in international relations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 37500 - International Law (W)

GER
3/B

The course will examine the sources, principles, functions, and effectiveness of international law.
prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr.

## POLSC 37600 - International Political Economy (W)

## GER

3/B

Examination of the intersection of politics and economics at the international level through a careful reading and analysis of dominant theoretical approaches and their application to central debates concerning the politics of trade, money and finance, development and globalization.
prereq: POLSC 11500 or 27000 or 27500; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
4 cr.

## POLSC 37700-Theories of International Politics (W)

GER
3/B

An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.
prereq: POLSC 11500 or 27000 or 27500 or 28200 or perm. instr.
coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 37800 - Russian National Interest: Past and Present (W)

Pluralism and Diversity
PD/D
GER
3/B

In a contemporary, historical and comparative context, this course explores the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: ENGL 12000 or equiv; POLSC 11500 or POLSC 11700 or perm instr.
3 hrs
3 cr .

GER
3/B

An examination of strategy and wars between states, within states, and between states and transnational groups. Focuses on how strategy affects the avoidance, outbreak, conduct, and consequences of war and the difficulty of devising strategies that successfully link political ends and military means.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or the equivalent
4 hrs
4 cr.

## POLSC 38000 - European Security (W)

Pluralism and Diversity
PD/D
GER
3/B

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the $21^{\text {st }}$ century.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
4 cr.

## POLSC 38100 - East Asia in World Politics (W)

## Pluralism and Diversity

PD/A
GER
3/B

An examination of sources of stability and instability in East Asia, using social science theories and historical background.
prereq: ENGL 12000 or its equivalent; POLSC 27000 or perm instr.
3 hrs
3 cr.

## POLSC 38200 - Causes of War (W)

GER
3/B

An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.
prereq or coreq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr.

## POLSC 38300 - Power Transitions, the U.S. and World Order (W)

## GER

3/B

An examination of global power transitions and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.
prereq: ENGL 12000 (or equivalent), one course in international relations
4 hrs
4 cr .

## POLSC 38400 - Comparative Foreign Policy (W)

An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.
prereq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; or permission of the instructor; may not be taken by students who have completed POLSC 373.14.
4 hrs .
4 cr .

## Political Science: Political Theory

## POLSC 11200 - Introduction to Political Theory (W)

GER
2/B
Selected writings of the great political thinkers. Recurrent problems of politics from Plato to the present.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing
understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr

## POLSC 20100 - Ancient to Early Modern Political Thought (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 20200 - Modern Political Thought (1600-1900) (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 20300 - Political Thought Since 1900 (W)

Pluralism and Diversity
PD/D
GER
3/B

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 20400 - Contemporary Issues in Political Theory

## GER

3/B

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority.

POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.

## POLSC 20600 - Research Design in Political Science (W)

## GER

3/B
Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 20700 - Data Analysis in Political Science (W)

## GER

3/B
Computer applications and statistical analysis in political science. Students write a quantitative term paper. Uses Social Science Data Lab.
prereq: POLSC 20600 or perm instr.
3 hrs
3 cr .

## POLSC 20900 - Women and Gender in Western Political Thought (W)

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Pluralism and Diversity
PD/C or D
GER
3/B
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Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 30100 - American Political Thought (W)

## GER

3/B
Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr .

## POLSC 30200 - Critical Theory and Politics (W)

## GER

3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation. prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor. 4 hrs
4 cr .

## POLSC 30300 - Democracy and Emergency (W)

## GER

3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000
4
4

## POLSC 30400 - Contemporary Issues in Political Theory

## GER

3/B
Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
$3 c r$.

## POLSC 30500 - Democratic Theory (W)

## GER

3/B
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## POLSC 30700-Theory of Revolution

## GER

3/B

Traditional and modern revolutions. Conditions and objectives of socialist and communist revolutions. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## POLSC 30900-Feminist Political Theory (W)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## POLSC 31100 - Utopian Theory (W)

## GER

3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.
3 hrs
3 cr .

## POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B
A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## Political Science: Independent Study, Honors, Advanced Seminars

The following courses, which include independent studies, and honors independent studies, may not be used to fulfill the four subfield requirement. No more than 6 credits in internship, independent study, and/or experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major.

## GER

3/B

Students may take independent study only with full-time members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.
prereq: at least one course in appropriate field, perm dept.
$1-3$ cr

## POLSC 29102-29103 - Directed Research (W)

This course is designed to teach individual students how to do research under the direction of a full-time faculty member. Students will participate in ongoing faculty research, and may do independent reading, library research, data collection and data analysis. The course will culminate in a research paper, literature review, or co-authored conference paper submitted for publication. Students will gain an understanding of the research methods utilized in the project, will gain hands-on experience in basic research, and will learn how to write the a research report with extensive feedback from their faculty supervisor.
prereq or coreq: ENGL 12000 or the equivalent; minimum of 60 credits and 15 credits in political science or permission of a full-time faculty supervisor.
2 or 3 hrs
2 or 3 cr.

## POLSC 48000 - Seminar in Selected Problems of Political Science

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Advanced seminar on selected topics.
prereq: perm dept.
3 hrs
3 cr.

## POLSC 48600 - Senior Colloquium

Advanced seminar. Major project and/or paper required.
prereq: perm. dept.
3 hrs
3 cr.

## POLSC 49202-49203 - Honors Independent Study in Political Science

Students may take independent study honors projects only with full-time faculty members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.
prereq: at least one course in appropriate field, perm dept.
2-3 cr.

## POLSC 49300 - Conducting and Presenting Political Science Research

This course is designed to refine students' existing research skills so they can complete their honors theses. Concepts covered will include, but not be limited to literature reviews, finding sources, defining a topic, framing scholarly
questions, developing hypotheses, using empirical evidence, citation, and presentation skills. Concurrent enrollment in
POLSC 492 is required.
coreq: POLSC 49200
1 hr
1 cr.

## Political Science: Experiential Courses

Experiential courses may not be used to fulfill the four subfield requirements. No more than 6 credits in internship, independent study, and/or experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major.

## POLSC 22200/22300 - Seminar/Internship in New York City Government

Practical experience in city government and politics. Weekly seminars, monthly university-wide meetings.
Students are advised to have completed at least 60 overall credits and 12 to 15 political science credits with at least one course in the field in which they are interested in taking the internship. Students should have at least a 3.0 grade point average in political science before applying.
prereq: perm dept.
4 hrs
4 cr .

## POLSC 29200 - Topics in Political Science

Topics in Political Science provides students the opportunity to apply their knowledge of political science through a variety of experiential learning activities. Students may take each Topics in Political Science one time. prereq: ENGL 12000
1 hr .
1 cr .

## POLSC 29400 - Topics in Political Science

Topics in Political Science provides students the opportunity to apply their knowledge of political science to real-world political issues and settings. Students may take each Topics in Political Science one time.
prereq: ENGL 12000
3 hrs.
3 cr .

## POLSC 29801-29806 - Internship in Political Science

Students may take independent study internships only under the supervision of full-time members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.
prereq: at least one course in appropriate field, perm dept.
1-6 cr.

## Psychology

Note: Letters in parentheses after course names refer to content areas: $(A)=$ Applications of Psychology; $(B)=$ Biopsychology; $(C)=$ Cognitive Processes; $(D / S)=$ Developmental/Social.

## PSYCH 10000 - Introduction to Psychology

## GER

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

PSYCH 14000-Psychological Adjustment

## GER

2/B

Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment.
prereq: PSYC 10000
3 hrs
3 cr .

PSYCH 15000 - Human Development

## GER

2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage. prereq: PSYC 10000
3 hrs
3 cr .

PSYCH 16000 - Evolution and Behavior

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

## PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C

GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .

## PSYCH 17100 - Stress and Coping (A;B)

A theoretical and practical introduction to stress processes and coping behaviors. The course explores the social, biological, behavioral, and clinical theories that guide our understanding of stress and coping and translated into testable interventions for managing stress and mitigating its negative effects.
prereq: PSYCH 10000
3 hrs
3 cr .
PSYCH 18000 - Brain and Behavior

GER
2/B
Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr .

## PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
$3 c r$.

## PSYCH 19500 - Special Topics in Psychology I

GER
2/B

Readings and discussions on a selected problem or topic area. Topics vary from semester to semester.
prereq: PSYC 10000

3 hrs
3 cr .

## PSYCH 20100 - Independent Study in Psychology

May be taken two times but will be applied to major only once. Designed to meet the needs of individual students under the direction of a particular faculty sponsor. The course may involve independent readings, tutorials, work as an advising assistant or peer counselor, field placement, an individual research project, or participation in ongoing faculty research, any of these culminating in a written report.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 20500 - The Profession of Psychology (W)

GER
3/B

Open to declared majors only. Introduction to and critical analysis of the profession of psychology; examination of theories and career options in major subfields of psychology. Students must have Internet access.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

PSYCH 21000 - Child Development (D/S)

GER
3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 21200 - Exceptional Childhoods (D/S)

## GER

3/B

Special problems of adjustment and training of exceptional children, including the gifted as well as the intellectually, emotionally and physically handicapped.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 21300 - Children \& Adolescents with Autism

A theoretical and practical introduction to the social, biological, behavioral, and educational theories that guide our understanding of children and adolescents with Autism Spectrum Disorder (ASD). Focusing on this important public health issue, students learn how these theories inform public awareness, the experiences of families affected by this disorder, the development and implementation of interventions, and public policy.
prereq: PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission
3 hrs
3 cr .

PSYCH 21400 - Adults with Developmental Disabilities

A theoretical and practical introduction to the key issues and challenges that affect the lives of adults with developmental disabilities, including adults with Autism Spectrum Disorder. Covered topics include person-centered planning, self-determination, transition planning, post-secondary education, employment, residential supports, and community living. Students learn how these challenges inform services that support full inclusion and improve quality of life.
prereq: PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission
3 hrs
3 cr.

PSYCH 21500 - Introduction to Research Methods in Psychology (W)

GER
3/B

Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

PSYCH 22000 - Personality (D/S)

GER
3/B

Review of the contributions to the understanding of normal personality in the theories of the Freudian and other analytical schools; of Allport, of representative behaviorist groups and of constitutional typologists; also, methods of assessing and understanding individual personality.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.
PSYCH 22100 - Psychoanalytic Theories (A; D/S)

GER
3/B

Historical, theoretical and empirical approaches from Freud to the present; empirical evaluation and integration of these theories with learning and ethological theory.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 22300 - Abnormal Psychology (A; D/S)

GER
3/B
Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 22400 - Neuroscience

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders.
prereq: PSYCH 10000 and any other 3 CR PSYCH Course; completion of ENGL 12000 with a minimum grade of C
3 hrs.
3 cr.
PSYCH 22500 - Ethology: Animal Behavior (B)
GER
3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison. Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
PSYCH 23000 - Social Psychology (D/S)

GER
3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 23500 - The Psychology of Women (D/S)

## Pluralism and Diversity

PD/C
GER
3/B
Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensivecross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
PSYCH 24000 - Applications of Psychology (A)

## GER

3/B
Psychological issues in business, law and medicine; consumer research, personnel selection and training, motivation and morale in industry, safety programs, testimony, lie detection and psychological issues in coping with physical illness.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## PSYCH 24200 - Health Psychology (A)

## GER

3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
$3 c r$.

## PSYCH 24300 - Cognitive Processes (C)

## GER

3/B

A survey of theoretical issues and empirical research on human cognition including attention, perception, memory, representation of knowledge, language, and problem solving.
prereq: 6 cr. in PSYCH including PSYCH 10000
3 hrs
3 cr .

## PSYCH 24500 - History of Psychology (W)

GER
3/B

Introspective, behavioristic, gestalt, psychoanalytic and related viewpoints developed from early philosophic roots of psychology.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

## PSYCH 24900 - Experimental Psychology: Social

GER
3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250 , but not both.)

Writing Intensive
PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the
previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYC 24800 with a minimum grade of $C$
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr .

## PSYCH 25000 - Experimental Psychology: General

## GER

3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr .

## PSYCH 29500 - Special Topics in Psychology II

## GER

3/B
Readings and discussion on a selected problem or topic area. Topics will vary from semester to semester.
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000, PSYC 24900 or 25000 or perm instr.
3 hrs
3 cr .

## PSYCH 30000 - Physiological Psychology (B)

## GER

3/B
Neural and endocrine mechanisms involved in learning, emotion, perception and other psychological processes. PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 30100 - Sensation and Perception (B; C)

## GER

3/B

Open to declared majors only. Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 30600 - Seminar in Psychological Services I (A)

Open to declared majors only. An integration of personality and abnormal psychology, the helping process and the role of the helper. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 2200 or 32300 , PSYCH 24900 or 25000 , perm instr.
8 hrs
4 cr.

## PSYCH 30700 - Seminar in Psychological Services II (A)

Integration of personality and abnormal psychology. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000, PSYCH 30600, perm instr.
3 hrs
3 cr .

## PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)

## Pluralism and Diversity

PD/C
GER
3/B
Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the
previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 31000 - Research Methods in Developmental Psychology (C; D/S)

## GER

3/B

Open to declared majors only. Theory and research in selected areas of developmental psychology.
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 15000 or 21000, PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr.

## PSYCH 31300 - Adolescence (D/S)

This course reviews the physical, cognitive, emotional, and social changes that typically occur during adolescence. Topics include classic and contemporary theories of adolescent development and the interactions between adolescents and their social and cultural environments.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 31500 - Adult Development (D/S)

## GER

3/B

Open to declared majors only. Theories and research concerning the personal and social development of men and women in adulthood; ongoing changes with age related to physical growth and decline, including marital, parental and interpersonal relationships, occupational roles, leisure activities, disability and approaching death.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 15000 or 21000, PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 31600 - Cognitive Neuroscience (B/C)

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

## PSYCH 32000 - Neuronal Basis of Behavior (Neuroethology) (B)

This course is designed primarily for upper level undergraduates who already have an introductory background in animal behavior, neurobiology and Psychology. The course will review the rapidly expanding field of neuroethology, providing a general introduction to the subject and some of its many model systems.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs .
3 cr .

## PSYCH 32100 - Animal Orientation: Function and Mechanisms (B)

Finding mates, securing shelter and food, and returning to a familiar home are ubiquitous animal functions which often require complex navigational strategies. This course 1) explores historical attempts to develop an understanding of the role and determinants of these strategies, 2 ) reviews the complexity of orientation behavior across phyla mediated by simple taxes, landmark orientation, compass orientation, path integration and dead reckoning, and cognitive mapping, 3) discusses sensory control of orientation behavior, including multisensory integration, and sensory modality transposition, 4) reviews tools and models used by researchers of animal orientation, and 5) addresses physiological and molecular bases of selected behaviors. Laboratory exercises, field observations, visits to colleagues' laboratories in the metropolitan area, and attending relevant seminars at other institutions (inside or outside CUNY) will complement class room lectures and discussions.
prereq: ENGL 12000; Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

## PSYCH 32200 - Psychology of Language (C)

GER
3/B
Psychological and psychophysical basis of language comprehension, production and acquisition from experimental and theoretical perspectives; the relationship between language and the cognitive processes of perception, memory and representation.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000 , PSYCH 27000 or perm instr.
3 hrs
$3 c r$.

## PSYCH 32300 - Developmental Psychopathology (A; D/S)

## GER

3/B

Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes and treatments.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a
psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 21200 or 22300, PSYCH 24900 or 25000
3 hrs
3 cr.

## PSYCH 32400-Communication Behavior (B/C)

This course will examine behaviors that exchange information, the evolution of the signals that carry the message, and the senses that receive it. Both human nonverbal and animal communication systems will be analyzed. Students will conduct field and library research on specific communicative behaviors.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 32500 - Animal Cognition (B/C)

This course will focus on various topics and readings in animal cognition within and across species from the perspectives of animal behavior, cognitive ethology and comparative cognition. In addition to familiarizing the students with what is currently known, the course is designed to stimulate critical and creative thinking about how we investigate and understand the minds and behavior of animals as diverse as chimpanzees, dolphins, elephants, monkeys, pigeons and humans. It will focus on various topics and readings in animal cognition including categorization, discrimination learning, decision making, social learning, tool use, culture and communication. prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs .
3 cr .

## PSYCH 32700 - Motivation and Emotion (B; C)

## GER

3/B
The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 32800 - States of Consciousness (A/C)

## GER

3/B
The subjective and physiological aspects of consciousness; the means by which it may be altered: hypnosis, dreams, drugs, meditation and mysticism; psychosis.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a
psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr.

## PSYCH 32900 - Cognitive Science (C)

Introduction to cognitive science, the interdisciplinary study of the human mind from the perspectives of psychology, linguistics, computer science, neuroscience, and philosophy.
prereq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24800 or 25000; declaration of the psychology major
3 hrs
3 cr .

## PSYCH 33000 - Memory and Attention (C)

This course is intended to provide an introduction to the processes associated with memory, attention, and their development, with particular attention given to classic and contemporary theories, and to how they interact with factors such as biology, age, culture and experience.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

## PSYCH 33100 - Social Cognition of Gender

The course examines the social cognitive and motivational processes that a) underpin beliefs about and evaluations of men and women, b) affect behaviors toward and by men and women, and c) change or entrench attitudes and behaviors. prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 33200 - Attitudes and Persuasion (D/S)

This course examines both traditional and current theory and research on attitudes and attitude change in social psychology. The first third of the course covers the historical background of the field, the nature of attitudes, problems associated with the measurement of social attitudes and behavior, the conceptual structure and organization of attitudes, and the relation between attitudes and behavior. The middle third of the course explores one of the most-researched topics in attitude research: stereotyping, prejudice and discrimination. The final third of the course examines various social psychological theories of attitude change and persuasion, along with their diverse applications.
prereq: ENGL 12000; Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

## PSYCH 33300 - Advanced Social Psychology Theory and Methods (D/S)

In-depth training in the concepts and skills necessary for conducting scientific research in social psychology. Core concepts in social psychology are used as the basis for case-studies in which different methods for examining constructs are illustrated and compared.
prereq or coreq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24900 or 25000; declaration of the
psychology major.
3 hrs
3 cr .

## PSYCH 33400 - Cultural Psychology (D/S)

As ours society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology d) cross-cultural models of self, attention, perception, morality, memory, human development and health, e) cultural differences in gender effects and f) policy implications of cultural psychology prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

## PSYCH 34000 - Industrial and Organizational Psychology (A)

## GER

3/B

A review of research and theories on the effects of leadership, human relations, motivation and organizational structures on behavior in business and industrial settings; applications of personnel psychology, motivational psychology and human factors engineering in the work place; job analysis, employee selection, leadership, performance appraisal, power and authority, work motivation and organizational communication.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 34100 - Stress, Trauma, and Resilience (A)

This course covers the interrelated topics of stress, trauma, and resilience. The course uses a clinical science perspective to explore both normative (healthy) and problematic physiological and psychological responses to stress and trauma, as well as factors that influence resilience.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

## PSYCH 34200 - Emotion: Function and Dysfunction (A)

Focus of the course will be on understanding the role of emotion in both functional and dysfunctional contexts. Through readings, class discussion, and lecture, we will address how emotions can both be vital for survival yet at the heart of so many mental disorders
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

## PSYCH 34400 - Clinical Psychology (A)

Clinical psychologists engage in a wide range of activities including research, teaching, assessment, administration, consultation. This course will discuss controversial issues regarding how to best define clinical psychology in a modern health practice context.
prereq: ENGL 12000, Completion of PSYCH 24900 or 250
3 hrs.
3 cr .

## PSYCH 34800 - Statistics Practicum in Psychology

GER
3/B

Apply and extend statistical knowledge and data analytic skills by tutoring students in PSYCH 24800 and serving as a teaching assistant forthe course. Weekly seminar meetings provide training and support. Students prepare and give statistical presentations, write homework problems, help in computer labs, and evaluate homework problems or lab assignments.
prereq: PSYCH 24800 with a minimum grade of $A$-, perm instr.
3 hrs
3 cr .

PSYCH 35000 - Learning (C)

GER
3/B

Theoretical and experimental approaches to human and animal learning; the relationship between systematic theory models and methodology; analysis of the historical and contemporary major contributions to learning theories.
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

PSYCH 35500 - Ethnic and Cultural Identity Theories (D/S)

GER
3/B

Current research and theory on ethnic and racial identity development, including components of ethnic/racial/cultural identity; historical and conceptual issues; the state of theory and research on ethnic identity as it pertains to particular ethnic groups; racial and ethnic socialization; language and ethnic identity; applications of the ethnic identity construct. prereq or coreq: Declared Psychology major; completion of PSYCH 24800 and either PSYCH 24900 or PSYCH 25000 3 hrs
3 cr .

PSYCH 36100 - Psychological Tests (A)

GER
3/B

Introduction to the principles of psychological assessment; major methods of measuring general ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 36200 - Psychological Determinants of Health Disparities (A; D/S)

Current research, theory, and applications related to the psychological determinants of health disparities that are experienced as a function of population characteristics, including race/ethnicity, gender, age, socioeconomic status, and sexual orientation.
prereq: PSYCH 24900 -or- 25000; PSYCH 24200. Open only to psychology majors.
3
3

## PSYCH 36300 - Health Behavior Change (A; D/S)

A theoretical and practical introduction to health behavior change. The course explores the social and behavioral theories that guide understanding of health behavior and describes how these theories are translated into testable interventions for health promotion, risk reduction, and treatment.
prereq: PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000; Open only to psychology majors.
3 hrs
3 cr .

## PSYCH 36400 - Sexuality and Health (A)

This course reviews the field of sexual health research, sexual health policy, and sexual health education and intervention, as well as specific topics such as the role of gender, sexual orientation, and personal motivation in sexual health.
prereq: PSYCH 17000 (Psychology of Human Sexuality); PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000. Open only to Psychology Majors.

3 hrs
3 cr .

## PSYCH 36500 - Coping with Chronic Disease (A; D/S)

Focuses on current knowledge of psychological adjustment to chronic health conditions, including - intrapersonal, interpersonal and social determinants of adjustment using theory and empirical evidence within a stress and coping framework. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field.
prereq: PSYCH 24200, PSYCH 24900 or 25000. Open only to Psychology majors.
3 hrs
3 cr .

PSYCH 36600 - Interpersonal Relationships and Health (A; D/S)

This course will familiarize students with current research, theory, and applications related to interpersonal processes and health, emphasizing emotional as well as physical health. It will broadly consider the literature in health psychology and relationship science and therefore maintains a biopsychosocial perspective of health and well-being. prereq: PSYCH 24200 (Health Psychology) or PSYCH 23000 (Social Psychology); PSYCH 24900 or 25000; Open only to psychology majors.
3 hrs
3 cr .

## PSYCH 36700 - Biological and Social Bases of Addictive Behavior (B)

A biopsychosocial approach to understanding risk factors, onset, course, treatment considerations and prognosis for common addictive behaviors. It explores the neurobiological, psychological, pharmacological, and cultural themes that unify the understanding of addictive behaviors.
prereq: PSYCH 24200 (Health Psychology) or PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000;
PSYCH 30000 (Physiological Psychology). Open only to psychology majors.
3 hrs
3 cr .

## PSYCH 36900 - Behavioral Pharmacology (B)

## GER

3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.
prereq: ENGL 12000,. PSYCH 24900 or 25000, PSYCH 30000 or perm instr.
3 hrs
3 cr.

## PSYCH 37000-Cognitive Development (C; D/S)

## GER

3/B

A comparative information processing perspective on the development of mental structure and functioning, including perception, memory, problem solving, self-awareness of thinking, intelligence, concept formation and language development.
prereq: ENGL 12000. PSYCH 24900 or 25000 , PSYCH 27000 or perm instr.
3 hrs
$3 c r$.

## PSYCH 38000-Microcomputers in Psychological Research

GER
3/B
An introduction to the fundamentals of microcomputer programming and digital electronics, including the structure of a
computer language (BASIC), digital logic, interfacing and computer memory. Students learn to program psychological experiments, collect data, perform statistical analyses and control peripheral devices by microcomputer. Designed for advanced undergraduates.
prereq: ENGL 12000. PSYCH 24900 or 25000 , perm instr.
3 hrs
3 cr .

## PSYCH 38100 - Current Topics in Animal Behavior (B)

Finding mates, securing shelter and food, and returning to a familiar home are ubiquitous animal functions which often require complex navigational strategies. This course will provide an advanced undergraduate level survey of the history of the field of animal orientation, and expound on ontogeny, mechanisms, and function of orienting behaviors.
prereq: PSYCH 10000, PSYCH 16000 (Evolution and Behavior); PSYCH 22500 (Ethology); PSYCH 24800 (Psychological Statistics). Open only to psychology majors.
3 hrs
3 cr .

## PSYCH 38200 - Current Topics in Biopsychology (B)

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of biological psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.
prereq: PSYCH 22400 (Neuroscience) PSYCH 25000 Open only to psychology majors.
3 hrs
3 cr .

## PSYCH 38300 - Current Topics in Cognitive Psychology

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas in cognitive psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term. Students may take a Current Topics in Cognitive Psychology course twice.
prereq: completion of PSYCH 25000 and 24300 with a grade of C or better
3 hrs
3 cr .

## PSYCH 38400 - Current Topics in Developmental Psychology (A; D/S)

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of developmental psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.
prereq: PSYCH 21000 (Child Development); PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr .
PSYCH 38500 - Current Topics in Social Psychology D/S

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas within social psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.
prereq: PSYCH 23000 (Social Psychology; PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr .

## PSYCH 38600 - Current Topics in Clinical Psychology (A)

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of clinical psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.
prereq: PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr.

## PSYCH 38700 - Current Topics in Health Psychology (A; DS)

Contemporary knowledge and issues in the scholarly literature in a focused area of health psychology. Emphases on interdisciplinary approaches and critical thinking, including links to theoretical and empirical foundations of the field. Topics vary each term.
prereq: PSYCH 24200; PSYCH 24900 -or- 25000; Open only to psychology majors
3 hrs
3 cr.

## PSYCH 39000 - Special Topics in Psychology III

## GER

3/B

Readings and discussion on a selected problem or topic area. Topics vary from semester to semester.
prereq: ENGL 12000, PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr .

## PSYCH 39500 - Independent Research in Psychology

May be taken two times, but will apply to the major only once. Designed to meet the needs of individual students under the direction of a particular instructor at a more advanced level than PSYCH 20100. Such study may involve independent reading, tutorials, independent research projects, or participation in ongoing faculty research, any of these culminating in an APA-style research report or literature review. Field Placements (internships) cannot be granted credit as PSYCH 39500; however, supervised field Placement taken in conjunction with PSYCH 36100 - Psychological Tests (A) will be granted credit as PSYCH 39500.
prereq: ENGL 12000, PSYCH 24900 -or- 25000, perm instructor and department
3 hrs
3 cr .

PSYCH 39600 - Honors in Psychology

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors. prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
3 cr.

## PSYCH 39800 - Honors in Psychology

Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: PSYCH 39600, perm instr.
3 hrs
3 cr .

## PSYCH 40000 - Special Topics in Psychology IV

## GER

3/B

Readings and discussion on a selected problem or topic area. Topics vary from semester to semester.
prereq: ENGL 12000. PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr.

## Public Policy

## PUPOL 10000 - Introduction to Public Policy

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines. Writing Requirements:This course will require 20 to 25 pages of writing in the form of two take home essay examinations ( $4-5$ pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr .

## PUPOL 40000 - Capstone Seminar

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher. 3 hours
3 credits

## Religion: Introduction to the Field of Religion

## REL 11000 - Nature of Religion (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.
REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (I\&S) Humanities
GER
2/C
Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr .

## Religion: Theoretical Studies in Religion

## ANTHC 30700-Anthropology of Religion

Pluralism and Diversity
PD/A
GER
3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr .

## REL 26000 - Special Topics: Theoretical Studies in Religion

Specialized study of a methodological approach to the study of religion. Different topic each time offered.
3 hrs
3 cr .

## REL 27000 - Religion and Psychology (W)

Pluralism and Diversity
PD/D
GER
2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 31700-Religion and Film (W)

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative - topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion. prereq: ENGL 12000
3 hr.s
$3 c r$.

## REL 36000 - Special Topics: Theoretical Studies in Religion

GER
3/A
Specialized study of a methodological approach to study of religion. Different topic each time offered.
3 hrs
3 cr .
REL 39000 - Modern Theories of Religion (W)

Pluralism and Diversity
PD/D
GER
3/A

An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
prereq: ENGL 12000, REL 11100
3 hrs
3 cr .

## Religion: Issues in Religion

## REL 20400 - Religious Experience (W)

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Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
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Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western. prereq: ENGL 12000
3 hrs
3 cr .

## REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000

3 hrs
3 cr .

## REL 20700 - Religious Sources for Morality (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 20800 - Religion and Social Justice (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations. prereq: ENGL 12000
3 hrs
3 cr .

## REL 20900 - Religion and Human Rights (W)

Hunter Core<br>Individual and Society - Humanities<br>GER<br>2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the $20^{\text {th }}$ century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment - seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 21000 - Atheism (W)

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 26100 - Special Topics: Issues in Religion

Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr .
REL 30700-Religious Ideas in Modern Literature (W)
Pluralism and Diversity
PD/D
GER
3/A
Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 30800 - Religion and the Arts (W)

Pluralism and Diversity
PD/D
GER
3/A
Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 31000-The Religious Meanings of Death (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3cr.
```

REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
3/A

An examination of the role of women and the concept of the feminine in world religions. prereq: ENGL 12000
3 hrs
3 cr .

REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and nonWestern traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr .
REL 31300 - Spirit and Nature (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.
prereq: ENGL 12000
3 hrs
3 cr .
REL 31500 - The Problem of Evil (W)

## Pluralism and Diversity

PD/D
GER
3/A

Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 31600 - Men and Religion (W)

## Pluralism and Diversity

PD/C -or- PD/D
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars-both male and female--have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.
prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 31800-Religion and Science (W)

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.
prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 31900-Religion and the Body (W)

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 33400-Mysticism (W)

## Pluralism and Diversity

PD/D

GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
3 cr .
REL 33500 - Myth and Ritual (W)

Pluralism and Diversity
PD/D
GER
3/A
Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.
prereq: ENGL 12000
3 hrs
3 cr .
REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity
PD/C
GER
3/A

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender. prereq: ENGL 12000
3 hrs
$3 c r$.
REL 36100 - Special Topics: Issues in Religion

GER
3/A
Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr .

## Religion: Religious Traditions

## HIST 31500-Christianity in Modern Times

GER
3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.
3 hrs
3 cr.

## REL 21100 - The Sacred Sky: Astrology in World Religions (W)

## GER

2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
prereq: ENGL 12000
3 hrs
3 cr .
REL 25100 - Asian Religions (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism. prereq: ENGL 12000
3 hrs
3 cr.

## REL 25200 - Ancient Near Eastern Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr .
REL 25300 - Abrahamic Religions (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3cr.
```

REL 25400 - Tribal Religions: From Australia to the Americas (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .

REL 25500 - Religions of Two Gods (W)

Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
$3 c r$.

## REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25700 - Religions of Ancient Central and South America (W)

## Hunter Core

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 25800 - Religions of Ancient Europe (W)

## Hunter Core

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 25800 - Religions of Ancient Europe (W)

## Hunter Core

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
3 hrs
3 cr .

## REL 26200 - Special Topics: Religious Traditions

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.
3 hrs
3 cr.

## REL 31400 - Religion and Sports (W)

## GER <br> 3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in $19^{\text {th }}$ century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32100 - Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of Buddhism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER

Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32300 - Christianity (W)

Pluralism and Diversity
PD/D
GER
3/A
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32400 - Islam and Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32600 - Religious Meanings of the Qur'ān (W)

## GER

3/A
This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" ('Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
3 cr .
REL 33000-New Testament Religion (W)

Pluralism and Diversity
PD/D
GER
3/A

Scholarly consideration of religion of New Testament: the mystery of Jesus Christ, Paul's message, ethics, relation to the Law of Judaism, salvation theology, apocalyptic thinking.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 33300 - Christian Theology (W)

## Pluralism and Diversity

PD/D
GER
3/A

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
prereq: ENGL 12000
3 hrs
3 cr.

## REL 33600-Zen (W)

Pluralism and Diversity
PD/A
GER
3/A
An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.
prereq: ENGL 12000
3 hrs
$3 c r$.
REL 33700 - Sufism (W)
Pluralism and Diversity
PD/A
GER
3/A
A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
$3 c r$.
REL 36200 - Special Topics: Religious Traditions

GER
3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.
3 hrs
3 cr .

## REL 41000 - Independent Study in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.
May be taken a second or third time with another subject.
prereq: perm chair
hrs TBA
1-6 cr.

## REL 45000 - Honors Seminar in Religion

Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.
prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director
3 hrs
3 cr.

## REL 49000 - Honors Tutorial in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.
prereq: perm chair
hrs TBA
3-6 cr.

## Romance Languages: Division I: French

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100 FREN 10200 FREN 20100 FREN 20200), an intensive sequence (FREN 10300 FREN 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

## FREN 10100 - Elementary French I

## Hunter Core

World Culture and Global Issues (WCGI)
Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
3 cr.

## FREN 10200 - Elementary French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

## FREN 10250 - Beginning French Conversation and Cultural Enrichment

Not credited toward language requirement. Conversational practice, cultural texts and activities for second-semester French students.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
coreq: FREN 10200
2 hrs
2 cr .

## FREN 10300 - Intensive Elementary French

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
6 hrs
$6 c r$.

## FREN 20100 - Intermediate French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
$3 c r$.

## FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.

## FREN 20300 - Intensive Intermediate French

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .

## FREN 20800 - French for Francophones

An intermediate-level language course designed for French speakers who have acquired the language in the family, local Francophone communities or abroad. Emphasizes the development of oral and written skills to the advanced level through interviews, readings and writing assignments. Spelling and grammar are also highlighted. prereq: intermediate-level ability as determined by dept. exam or interview; perm dept.
3 hrs
3 cr .
FREN 21100 - Intermediate Grammar and Composition

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .

## FREN 22000 - Advanced French Conversation

```
prereq: FREN 20200 or four yrs high school French
3 hrs
3cr.
```


## FREN 24100 - Early French Civilization: From Gothic to Revolution

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Conducted in English; readings in English.
3 hrs
3 cr .
```

FREN 24200 - Modern French Civilization: From Revolution to Present

Hunter Core<br>World Cultures and Global Issues (WCGI)<br>Pluralism and Diversity

PD/D
GER
2/C

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .

## FREN 25100 - French Literature and the Arts

## Pluralism and Diversity

PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr .

## FREN 25200 - From Symbolism to Surrealism in French Literature

GER
3/A
Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr .

## FREN 25300 - Modern French Theatre: Theory and Practice

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3 cr .

## FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
3 cr .

## FREN 25500 - New Approaches to Modern French Literature

## GER

3/A

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.
3 hrs
3 cr .

FREN 25600 - Dream and Image (W)

GER
3/A

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
3 cr.

## FREN 25700 - Literary Cross-Currents

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
prereq: reading knowledge of French
3 hrs
3 cr .

## FREN 25800 - French Poetry in Translation

Conducted in English. Study of major themes, theories and texts from 16th century to contemporary period.
3 hrs
3 cr .

## FREN 25900 - French Theatre in Translation

## Pluralism and Diversity <br> PD/D <br> Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation. <br> 3 hrs <br> 3 cr.

FREN 26000 - French Novel in Translation (1600-1900)

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other literary genres.
3 hrs
3 cr .

## FREN 26100 - Modern French Novel in Translation (1900-Present)

```
Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3cr.
```


## FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr .

## FREN 27500 - Introduction to French Literature

Pluralism and Diversity
PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
3 cr .

FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr.

FREN 32100 - French Translation
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

FREN 33500 - French Culture I

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

## FREN 33600 - French Culture II

```
Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3cr.
```


## FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.
FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .
FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34600-18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
$3 c r$.

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 35000-20th Century French Literature (1900-1950)
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35300 - Survey of Francophone Literature

GER
3/A
A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D

GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr .

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

## FREN 36600 - French Cinema: Special Topics

```
Pluralism and Diversity
PD/D
GER
3/A
Topics to be offered may concern historical, thematic, or aesthetic issues in French-language cinema prereq: FREN 34100 and FREN 34200 or equivalent
4 hrs
3 cr .
```


## FREN 37500 - Seminar in French Literary History

```
Pluralism and Diversity
PD/D
GER
3/A
Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
cr.
```


## FREN 39900 - Second Language Acquisition

prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr .

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Research in history of French literature. prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr .
FREN 49500 - Independent Study in French Literature
prereq: perm adviser
1-3 cr.

## Romance Languages, Division II: Italian

## ITAL 10100 - Elementary Italian I


#### Abstract

Hunter Core World Culture and Global Issues (WCGI) Language lab. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement. 3 hrs 3 cr .


## ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr.

## ITAL 10251 - Elementary Italian Conversation

Not credited toward language requirement. Elementary Italian conversation at the 2nd-semester level.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. coreq: ITAL 10200 or perm instr.
2 hrs
2 cr .

## ITAL 10300 - Intensive Elementary Italian

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
6 cr .

## ITAL 20100 - Intermediate Italian I

[^8]
## ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr .

## ITAL 20300 - Intensive Intermediate Italian

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300
6 hrs
6 cr .

## ITAL 22100 - Italian for Oral Communication

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .

## ITAL 26000 - Modern Italian Short Story (W)

Pluralism and Diversity
PD/D
GER
2/C

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ENGL 120 or equiv.
3 hrs
3 cr.

## ITAL 27500 - Masterpieces of Italian Literature

In English. Selections from Dante to Leopardi. Strongly recommended before taking any 300- level course. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

## ITAL 27600 - Dante's Divine Comedy in English (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .

## ITAL 28000 - The Italian Renaissance: An Introduction

## Hunter Core

Individual and Society
Pluralism and Diversity
PD/D
GER
2/C
In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .

## ITAL 31100 - Advanced Italian Grammar

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

## ITAL 31200-Advanced Italian Composition

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
$3 c r$.

## ITAL 32100 - Italian Translation

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 311 or equiv.
3 hrs
3 cr .

## ITAL 33100 - Italian Phonetics and Diction

```
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr .
```


## ITAL 33400 - Italian Civilization in the Baroque, in English

## Pluralism and Diversity

PD/D
GER
2/C
An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation
3 hrs
3 cr .

## ITAL 33500 - Italian Culture I

## GER

2C

In English. Main intellectual-artistic currents from the 12th to 15th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

## ITAL 33600 - Italian Culture II

## GER

2/C
In English. Main intellectual-artistic currents from the 16th to 20th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 120
3 hrs
3 cr .

## ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English

```
Pluralism and Diversity
PD/C
GER
2/C
Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara,
Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
cr.
```

ITAL 33800-19th and 20th Century Italian Women Writers, in English

```
Pluralism and Diversity
PD/C
GER
3/A
Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Marghenta Guidacci, Maria Luisa Spaziani.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .
```

ITAL 33900 - Italian American Women Writers and Artists: Issues of Identity (W)

```
Pluralism and Diversity
PD/C
GER
3/A
In English. An active exploration of feminine Italian American identity through literature, film and visual arts.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
cr.
```

ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

## GER

3/A

Selections from Dante to Ariosto.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr.

## ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present

```
Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200
3 hrs
3 cr.
```


## ITAL 34300 - Dante's Vita Nuova and Inferno

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr.

## ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .

## ITAL 34500 - Dante's Paradiso and Major Prose Works

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34300
3 hrs
3 cr .

## ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism

```
Pluralism and Diversity
PD/D
GER
3/A
```

Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

## ITAL 34700-16th Century Italian Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .
```


## ITAL 34800-17th and 18th Century Literature

Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

## ITAL 34900 - The Modern Italian Lyric

## Pluralism and Diversity

PD/D
GER
3/A

From Leopardi to contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr.

## ITAL 35000 - The Modern Italian Novel

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

## ITAL 35100 - The Modern Italian Theatre

GER
3/A

Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

## ITAL 35200 - The Italian Novel and Cinema

GER
3/A

Selected works by 20th century writers - in English translation - and the movies they inspired, with particular attention to theme, milieu, perspective, genre, stylistic techniques, and aesthetic results.
prereq: ENGL 22000 or perm. instr.
4 hrs
3 cr .

## ITAL 36000 - The Middle Ages: Special Topics

GER
3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

## ITAL 36100 - The Renaissance: Special Topics

## GER

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .
ITAL 36200 - The 17th Century: Special Topics

## GER

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

## ITAL 36300-The 18th Century: Special Topics

## GER

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
$3 c r$.

## ITAL 36400-The 19th Century: Special Topics

## GER

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .
ITAL 36500 - The 20th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr.

## ITAL 37000 - Italian Literature: Special Topics

GER
3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr .

## ITAL 37500 - Seminar in Italian Literary History

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34100, 34200
3 hrs
3 cr.

## ITAL 39900 - Second Language Acquisition

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr .

## ITAL 49100 - Honors Course in Italian

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Major GPA of 3.2 and cumulative GPA of 2.8.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: at least five courses in Italian literature and civilization; perm chair
3 hrs
3 cr .

## ITAL 49500 - Independent Study in Italian Literature

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

## Romance Languages, Division III, Spanish—First-Level Language Courses

Basic language courses offer two options to language study: a) Spanish for English speakers (SPAN 10100 SPAN 10200 SPAN 20100 SPAN 20200 or intensive SPAN 10300 and SPAN 20300; or b) Spanish for native speakers (SPAN 10500 SPAN 10600 SPAN 20700 SPAN 20800)

## SPAN 10100 - Elementary Spanish I

## Hunter Core

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr.

## SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr .

## SPAN 10251 - Elementary Spanish Conversation

Elementary Spanish conversation at second semester level. Not credited toward language requirement. Not open to native speakers.
Spanish for English speakers.
coreq: SPAN 102 or perm instr.
2 hrs
2 cr .

## SPAN 10300 - Intensive Elementary Spanish

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr.

## SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Spanish for native speakers.

3 hrs
3 cr .

## SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.
3 hrs
3 cr .

## SPAN 20000 - Basic Spanish Review

Designed for students whose study of Spanish has been interrupted for a minimum of four (4) yrs and who wish to continue their study of Spanish. It is not suitable for native or heritage speakers of the language. This course bridges the gap between the high elementary and intermediate levels. It provides grammar review needed for oral and written expression and emphasizes the active use of the language through task-oriented activities and discussion of cultural and literary texts.
Spanish for English speakers.
prereq: dept. placement exam, three yrs high school Spanish or three sems college Spanish
3 hrs
3 cr .

## SPAN 20100 - Intermediate Spanish I

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.

## SPAN 20200 - Intermediate Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .

## SPAN 20300 - Intensive Intermediate Spanish

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr .

## SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.

3 hrs
3 cr .

SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.
SPAN 21000 - Spanish for Social Service Fields

Spanish for English speakers.
prereq: SPAN 20100 or equiv.
3 hrs
3 cr .

## Romance Languages, Division III, Spanish—Second-level Courses

Second-level courses are recommended for students pursuing for further studies in Spanish, minoring in Spanish or preparing to major in Spanish.

## SPAN 21100 - Spanish Grammar and Composition

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

## SPAN 21200 - Spanish for Classroom Communication

prereq: SPAN 20100 or equiv.
3 hrs
3 cr .

SPAN 22100 - Spanish for Oral Communication

Not for fluent Spanish speakers.
prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr.

SPAN 27000 - Spanish Composition for Spanish Speaking Students
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr .

## SPAN 27500 - Readings in Modern Spanish Literature

```
Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm
3 hrs
3 cr.
```

SPAN 27600 - Readings in Modern Spanish- American Literature

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.
prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr.

## Romance languages, Division III, Spanish—Third-level Courses

Third-level courses are designed for students who want to major in Spanish or are highly qualified and are accepted by the Spanish adviser. SPAN 31100 SPAN 31200 SPAN 31300 SPAN 31400 SPAN 31500 are designed to prepare students to write professionally. SPAN 31100 and SPAN 31200 are required for all Spanish majors and recommended for other qualified students who have completed first-level courses.

## SPAN 31100 - The Structure of Modern Spanish

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

## SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

## SPAN 31300 - Spanish Stylistics

Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.
prereq: ENGL 12000; SPAN 31100, 31200, 34100, 34200
3 hrs
3 cr .

## SPAN 31400 - Spanish Writing Workshop I: Poetry

Creative self-expression in Spanish through writing poetry. prereq: ENGL 12000; SPAN 31100, 31200, 31300, 34100, 34200

3 hrs
3 cr .

## SPAN 31500 - Spanish Writing Workshop II: Narrative

Creative self-expression in Spanish through writing narrative.
prereq: ENGL 12000; SPAN 31100, 31200, 31300, 34100, 34200
3 hrs
3 cr .

## SPAN 32100 - Spanish Translation

prereq: SPAN 31100, 31200; ENGL 12000

## SPAN 33500 - Spanish Civilization

Pluralism and Diversity
PD/D
GER
3/A

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

## SPAN 33600 - Latin American Civilization

## GER

3/A
Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

## SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr .

## SPAN 34200 - Introduction to Hispanic Literature II

```
Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3cr.
```


## SPAN 34300 - Spanish Literature of the Middle Ages

Pluralism and Diversity
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 34500 - Spanish Drama of the Golden Age

```
Pluralism and Diversity
PD/D
GER
3/A
Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
cr.
```

SPAN 34600 - Cervantes
Pluralism and Diversity
PD/D
GER
3/A
Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr.

## SPAN 35000 - Spanish Poetry of the Golden Age

```
Pluralism and Diversity
PD/D
GER
3/A
Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
\(3 c r\).
```

SPAN 35300 - Spanish Neoclassicism and Romanticism
Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 35700 - Early 20th Century Spanish Literature

Pluralism and Diversity
PD/D

GER
3/A

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
prereq: SPAN 34100
3 hrs
3 cr.

## SPAN 35800 - Post-Civil War Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 36000 - Spanish-American Literature of the Colonial Period

## GER

3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

## GER

3/A
Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 36500 - Survey of Spanish-American Teatro

## GER

3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36600 - Contemporary Latin American Poetry

## GER

3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36700 - Latin American Essay

GER
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 37400 - Contemporary Literature and Film

GER
3/A

Conducted in Spanish. Analysis of contemporary novels from Latin America and Spain and the films based upon them prereq: SPAN 34100 or instructor permission
3 hrs
3 cr .

## SPAN 37600 - Time, Love and Death in Spanish Poetry from the Middle Ages to the Postmodern Age

This course, taught in Spanish, focuses on three poetic themes (time, love and death) and on the relationship between an epoch its literary styles. It is designed for advanced students and entails the study of poems from pre-modern, modern and post-modern times. The course also explores theoretical issues related to the Romantic revolution and post modernity.
prereq: SPAN 34100, 34200
3 hrs
3 cr .

## Romance Languages, Division III: Spanish—Translation and Interpretation Courses

## SPAN 38000 - Introduction to Translation and Interpretation Studies

Provides an introduction to basic concepts and techniques of translation and interpretation and develops a systematic approach to resolving language transference problems.
prereq: SPAN 31100 and 31200
3 hrs
3 cr .

## SPAN 38100 - Translation from Spanish into English

Develops proficiency in translating from Spanish into English. The student will work with a variety of general Spanish texts and develop skills for analyzing and rendering them accurately into English. In addition, s/he will examine the best ways to handle idiomatic expressions, tenses and other complex grammatical structures. S/he will become familiar with the relevant terminology and theoretical issues, as well as learn how to select and evaluate dictionaries and other research materials.
prereq: SPAN 38000
3 hrs
3 cr .

## SPAN 38200 - Consecutive Interpretation Spanish-English/English-Spanish

An overview of the principles of consecutive interpretation.
prereq: SPAN 38000
3 hrs
3 cr .

## SPAN 38300 - Translation from English into Spanish

Reinforces the basic principles of translation taught in SPAN 3800 with more advanced texts, and adds a special emphasis on style and the specific demands of certain categories of texts, as well as theoretical discussion regarding choices in translation.
prereq: SPAN 38000
3 hrs
3 cr.

## SPAN 38400 - Simultaneous Interpretation Spanish-English

Designed so that students may begin working directly on the skills, protocol and practice of simultaneous interpretation, analyze in detail its processes, and review the settings in which it is used. prereq: SPAN 38000
3 hrs
3 cr .

## SPAN 39000 - Translation and Interpretation for the Professions

This series of courses will focus each semester on a different professional area, such as legal, medical, business, technical-scientific, social, and literary translation.
prereq: varies by course
3 hrs
$3 c r$.

## SPAN 39100 - Internship in Translation

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship. It consists of 70 hours of practical work in translation for a financial institution, law firm, translation agency, the United Nations, or other organization. In addition, the student must attend regularly scheduled meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional translation.
prereq: SPAN 38100-38400, 39000
3 hrs
$3 c r$.

## SPAN 39200 - Internship in Interpretation

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship to train them in real-world interpreting skills in the context of court interpreting, parliamentary procedure, diplomatic etiquette, conference organization, etc. This internship consists of 70 hours of practical work in interpretation as well as frequent meetings with the professor supervising the internship
in order to discuss issues and problems in the real world of professional interpretation.
prereq: SPAN 38100-38400, 39000
3 hrs
3 cr .

## Romance Languages, Division III: Spanish—Spanish Courses taught in English

These courses are designed for students who want to become acquainted with Spanish culture. They cannot be credited toward the major and are not recommended for the minor.

## SPAN 24100 - Civilization of Spain, in English

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/D
An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.
prereq: ENGL 12000
3 hrs
3cr.
```


## SPAN 26300 - Contemporary Spanish-American Literature in Translation

Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
3 cr .

## SPAN 26400 - Contemporary Spanish Literature in Translation

Cela, Lorca, Unamuno, Ortega y Gasset.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
3 cr .

## SPAN 26500 - Don Quixote (in English translation) (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Commentary and analysis of Cervantes' novel in its entirety, read in English translation. Examination of its main themes within the sociohistorical and literary contexts, as well as its essential role in the development of the modern novel.
Writing Intensive
prereq: ENGL 12000
3 hours
3 credits

## SPAN 26500 - Don Quixote in English Translation

```
Pluralism and Diversity
PD/D
GER
3/A
```

Conducted in English. Commentary and analysis of Cervantes' novel in its entirety in English translation. Examination of its main themes within their socio-historical and literary contexts, as well as its essential role in the development of the modern novel.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## SPAN 26900 - Spanish American Women's Literature and Cinema (W)

## Pluralism and Diversity

PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.cross-listed WGSA 26900
prereq: ENGL 12000
3 hrs
3 cr .

## SPAN 33100 - Spanish Phonetics and Diction

Third-level courses are designed for students who want to major in Spanish or are highly qualified and are accepted by the Spanish adviser. SPAN 31100-31500 are designed to prepare students to write professionally. SPAN 31100 and 31200 are required for all Spanish majors and recommended for other qualified students who have completed first-level courses.
prereq: SPAN 20200 or equiv.
3 hrs
3 cr .

## Romance Languages, Division III: Spanish—Special Topics and Honors

## SPAN 37000 - Special Topics in Spanish Literature

```
Pluralism and Diversity
PD/D
GER
```

May be repeated with different topic. prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

## SPAN 37100 - Special Topics in Spanish- American Literature

GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

## SPAN 37300 - Problems in Criticism

## GER

3/A
Major trends in contemporary literary theory and criticism.
prereq: SPAN 34100
3 hrs
3 cr .

## SPAN 37500 - Seminar in Spanish Literary History

Pluralism and Diversity
PD/D
GER
3/A

Recommended for seniors. Readings, discussion and reports.
prereq: SPAN 34100, 34200
3 hrs
3 cr .

## SPAN 39900 - Second Language Acquisition

prereq: at least three courses at the 300- level in the language; ENGL 12000
3 hrs
3 cr .

## SPAN 49100 - Honors Course in Spanish: Special Studies in Contemporary Latin American Literature

3 hrs
$3 c r$.

## SPAN 49200 - Honors Course in Spanish: Special Studies in Spanish Literature

$\mathrm{Jr} / \mathrm{Sr}$ only. Group meetings, conferences, oral and written reports.
prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3 cr .
SPAN 49500 - Independent Study in Hispanic Literature

Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.

## Romance Languages, Division !V Portuguese

## PORT 10100 - Elementary Portuguese I

Hunter Core
WC
Elementary Portuguese. Language Lab
PORT 10100 not usually credited without PORT 10200
3 hrs
3 cr.

## PORT 10200 - Elementary Portuguese II

Elementary Portuguese II language lab
PORT I0200 not credited without PORT 10100
3 hrs
3 cr.
PORT 20100 - Intermediate Portuguese I

Intermediate Portuguese I
prereq: PORT 10200 or two years of high school Portuguese
3
3 cr.
PORT 20200 - Intermediate Portuguese II

Intermediate Portuguese II
prereq: PORT 20100 or 3 years of High School Portuguese
3 hrs
3 cr .

## Russian and Slavic Studies: Polish Language

```
POL 10100 - Elementary Polish
POL 10100 usually not credited without POL 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
2 sems, 6 hrs
cr.
POL 10200 - Elementary Polish
2 sems, }6\mathrm{ hrs
cr.
POL 20100 - Intermediate Polish I
prereq: POL 10200
3 hrs
3cr.
POL 20200 - Intermediate Polish II
prereq: POL 20100
3 hrs
3cr.
```


## Russian and Slavic Studies: Polish Literature in English Translation

POL 25000 - Topics in Polish Literature

Pluralism and Diversity
PD/D
Example: the 19th century Polish novel.
3 hrs
3 cr .

POL 30000 - Independent Study in Polish Language and Literature

3 hrs
3 cr .

## Russian and Slavic Studies: Russian Language

## RUSS 10100 - Elementary Russian

## Hunter Core

World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement. 2 sems, 3 hrs
3 cr . each sem.

## RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.

## RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)

```
Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters
in one.
6 \mathrm { hrs }
cr.
```

RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review. prereq: RUSS 10200 or 10300
3 hrs
3 cr.

## RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr .

## RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
6 cr .
RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in $20^{\text {th }}$ century. Designed for students interested in translation in any language.
prereq: ENGL 12000
3 hrs
3 cr.

## RUSS 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 120
3 hrs
3 cr .

## RUSS 49800 - Internship in Russian and Slavic Studies

Students who enroll in the course can work in corporations, government agencies and non-profit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job-related experience. No more than 6 total internship credits can be taken. 3 credits count toward Russian major or minor. prereq: Russian 20200 or an equivalent, or by permission of the head of the program; ENGL 12000 3 cr.

## Russian and Slavic Studies: Russian courses conducted in Russian

## RUSS 30100 - Advanced Russian I

```
Mastery of grammar in its application to writing, listening comprehension and oral expression.
prereq: RUSS 20200 or equiv.
3 hrs
3cr.
```

RUSS 30200 - Advanced Russian II
GER
3/A

Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .

## RUSS 31200 - Advanced Russian Conversation I

Conversation and oral exercises; discussions based on readings of social and cultural interest. Introduction to oral interpreting.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

## RUSS 31300 - Advanced Russian Conversation II

Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31400 - Reading Russian I

Reading and critical analysis of selected literary and journalistic texts from various disciplines. Grammar review through reading.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31500 - Reading Russian II

In-depth study of syntax and idiomatic language to improve reading competency.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31700 - Practical Aspects of Translation

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31800 - Advanced Translation

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation. prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31900 - Business Russian

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian. prereq: RUSS 20200 or equiv.
3 hrs
$3 c r$.

## Russian and Slavic Studies: Russian Literature in the Original

## RUSS 24500 - Russian Folklore: Slavic Myths and Traditions

Common Slavic myths, traditions and social structures.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 24600 - Special Topics in Slavic Literature and Cultures

Sample topic: fairy tales, satire.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

RUSS 32100-Russian Short Story and Novella

Pluralism and Diversity
PD/D
GER
3/A

Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 32200 - Classical Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A

Major poets from the late 18 th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 32300 - Modern Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A

Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

## RUSS 32400 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism

## GER

3/A
Major literary works of the Kievan period, 968 to 1237: The Primary Chronicle, The Tale of Igor's Campaign. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34000-19th Century Russian Literature

## GER

3/A
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34100-Tolstoy and Dostoevsky
Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34200 - Modern Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34300-Russian Theater

```
Pluralism and Diversity
PD/D
GER
3/A
Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov
and others.
prereq: RUSS 20200 or equiv.
3 hrs
3cr.
```


## RUSS 34400 - The Silver Age of Russian Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova,
Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3cr.
```

RUSS 36000 - Russian Women Writers
Pluralism and Diversity
PD/C
GER
3/A

Studies the contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. Readings and some writing in Russian.
cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

RUSS 49100 - Honors Project

Open to Russian majors only. Essay.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## Russian and Slavic Studies: Russian Literature and Culture in English Translation

## RUSS 15500 - The Culture of Old Russia

```
Pluralism and Diversity
PD/D
GER
2/C
Religion, art, architecture and daily life in medieval Russia.
prereq: ENGL 12000
3 hrs
3 cr .
```


## RUSS 15600 - Culture of Imperial Russia: the Age of Empresses

## Hunter Core

Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/C
Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15700-The Age of the Great Masters

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15800 - Contemporary Russian Culture

Hunter Core<br>Individual \& Society (I\&S) Humanities<br>GER<br>2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka

Theatre.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25000-19th Century Russian Literature in English Translation (W)

```
Hunter Core
Individual and Society (I&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C
```

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25200 - Modern Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I\&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
$3 c r$.

RUSS 25300 - Russian Theater in English Translation (W)

```
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr .
```

RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C
Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25500 - Russian Folklore, in Translation (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation

```
Pluralism and Diversity
PD/D
Examples: the Russian cinema, Nabokov.
prereq: ENGL 12000
3 hrs
3cr.
```


## RUSS 25700 - Masterpieces of Russian Literature in English Translation

Examples: Chekhov's short stories or plays, Nabokov.
prereq: ENGL 12000
1 hr
1 cr .
RUSS 25800 - Masterpieces of Russian Literature in English Translation

Example: Pasternak's Dr. Zhivago.
prereq: ENGL 12000
1 hr
1 cr .

## RUSS 25900 - Masterpieces of Russian Literature in English Translation

```
Examples: Solzhenitsyn's Gulag, Pushkin stories, Gogol stories.
prereq: ENGL 12000
l hr
l cr.
```

RUSS 26000 - Russian Women Writers in English Translation (W)
Hunter Core
I\&S
Pluralism and Diversity
PD/C
GER
3/A
The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others.
cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
$3 c r$.

## RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)

```
Hunter Core
Individual and Society (Social Science) -I&S SS
GER
2/C
```

Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
$3 c r$.
RUSS 27100 - East European Cinema (W)

## Pluralism and Diversity

PD/D
The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the films and discuss how various aesthetic and ideological approaches to filmmaking inform the cinema practice over time. The course will combine screening of East European films and class discussion of issues raised in these films. All students are expected to complete the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on the course blackboard after the film screenings. Informed class participation is strongly encouraged and will positively affect your final term grade.
prereq: ENGL 12000. The exams in this course consist of essay writing.
3 hrs.
3 cr .

## RUSS 29300 - Folklore in Translation: A Comparative Study

## Hunter Core

World Culture and Global Issues (WCGI)

## Pluralism and Diversity

PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
3 cr .

## RUSS 29400 - Folklore and Literature (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A
Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes. prereq: ENGL 12000
3 hrs
$3 c r$.

## RUSS 29500 - The Vampire in Lore and Literature (W)

## Hunter Core

Creative Expression (CE)
GER
2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the $21^{\text {st }}$
century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr .

## RUSS 29600 - Vladimir Nabokov Between Two Cultures

## Hunter Core

Creative Expression (CE)
GER
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.
RUSS 29700 - The Russian Urban Novel in English Translation (W)
Hunter Core
I\&S
GER
3/A
The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

RUSS 37000 - Independent Study in Slavic Literatures and Cultures
prereq: ENGL 120
3 hrs
3 cr .

## Russian and Slavic Studies: Ukrainian

UKR 30000 - Independent Study in Ukrainian Language and Literature

3 hrs
3 cr .

## Sciences and Mathematics

## SCI 20000 - Introduction to Biomedical Research

Designed specifically for students interested in entering the Minority Biomedical Research Support (MBRS) and Minority Access to Research Careers (MARC) programs, although open to all qualified students. Seminars/lectures. Research opportunities with participating faculty in MBRS/MARC programs. Career goals in biomedical and behavioral sciences, instruction in the preparation of literature searches in science, and data collection and analysis. Writing of scientific papers and presentation of oral reports. Visiting scientists will discuss their research. Not credited toward major or minor. Term paper required. May be repeated up to 4 times.
prereq: perm instr. and BIO 10000 or CHEM 10200
2 hrs
1 cr .

## SCI 30200 - Ethical Conduct in the Natural and Physical Sciences

GER
3/B
Case studies of ethical issues in scientific research and education, including fraud, misrepresentation and negligence in scientific reporting. Term paper required.
prereq: 2 yrs lab science (BIOL 10000, 10200; CHEM 10200, 10300, 10400, 10500; PHYS 11000, 12000; or equiv.) prereq or coreq: lab research experience in natural or physical sciences
2 hrs
$2 c r$.

## SEEK

## ACSK 06500 - Orientation for Success

Required of all SEEK freshmen. Emphasis on adjustment to college, personal growth, and development of academic skills.
2 hrs
0

## COUNS 20500 - Career Planning and Job Search

Study of factors that contribute to choosing and developing a career such as interest and abilities, personality traits, and career characteristics. Students are presented with the option of completing a thirty-hour internship to improve their grades. Career inventories are administered and results analyzed.
For SEEK students. This course is housed in the School of Education, Department of Educational Foundations and Counseling
2 hrs
$2 c r$.

## Social Sciences

The following elective courses are interdisciplinary electives offered occasionally by departments in the social sciences. Specific topics will be listed in the Schedule of Classes for each semester, intended as enrichments of the general liberal arts curriculum. They focus on broad issues of continuing importance that require multifaceted but integrated treatments from several disciplinary perspectives. At this time, they are not part of a formal program leading to a designated specialization.

Note: None of the interdisciplinary courses in the social sciences may be used toward the GER.

## SOSCI 29700 - Special Topics in the Social Sciences

Not offered at all times. Specific topics will be listed in Schedule of Classes for given semester.
prereq: variable
3 hrs
3 cr.

## SOSCI 39700 - Studies in the Social Sciences

Not offered at all times. Specific topics will be listed in Schedule of Classes for given semester. prereq: variable
3 hrs
3 cr .
SOSCI 49800 - Internship

Placement in appropriate off campus settings on an individual basis.
Variable hrs
1 to 6 cr .

## Sociology: Lower Division

## SOC 10100 - Introduction to Sociology

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

SOC 20100 - The Family

Pluralism and Diversity
PD/C

GER
3/B
Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr .

## SOC 20300 - Education

GER
3/B

Education viewed cross-culturally and historically. Schools and colleges as social systems.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 20500 - Sociology of Religion

GER
3/B

Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100
3 hrs
3 cr .
SOC 20900 - Arts in Modern Society

GER
GER 3/B

Art as a universal social institution and as the expression of symbolic world of cultural life.
prereq: SOC 10100
3 hrs
3 cr.

SOC 21100 - Urban Sociology

GER
3/B

The relationships of space and society, with special attention to the nature and problems of urban life.
prereq: SOC 10100
3 hrs
3 cr .

SOC 21300 - Political Sociology

GER
3/B

Power, authority, political ideologies, and patterns of participation. Articulation and resolution of political issues in contemporary societies in the context of globalization.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 21700 - Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 21800 - Social Inequality

GER
3/B
Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 21900 - American Society (W)

GER
3/B

Analysis of social structures and culture of the contemporary USA.
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

## SOC 22100-Classical Sociological Theory

Pluralism and Diversity
PD/D
GER
3/B
Classical theorists and their contributions.
prereq: SOC 10100

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3 hrs
3cr.
```


## SOC 22300 - Current Sociological Theory

## GER

3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction. prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .

SOC 22500 - Seminar in Selected Problems of Sociology

GER
3/B

Lower-level seminar: reading, discussion, and papers on significant problems in sociology.
prereq: SOC 10100
3 hrs
3 cr.
SOC 23100 - Introduction to Social Work Profession

GER
3/B
Introduction to and critical analysis of the social work profession in American society.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 23500 - Community Organization and Action

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .
SOC 23700 - Social Welfare Policy

GER
3/B
Development of welfare institutions. Consequences of welfare services for client and community. prereq: SOC 10100

3 hrs
3 cr .

## SOC 23900 - Child Welfare (W)

## GER

3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

## SOC 24000 - Introduction to Research Methods

## GER

3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

SOC 24100 - Social Statistics

GER
3/B
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
$3 c r$.

## SOC 25100 - Interpersonal Behavior

GER
3/B
Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 25300 - Deviance and Social Control

GER
3/B
Theories of causation and analysis of particular types of deviance: sexual, criminal, political.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 25700 - Sex and Gender Roles

```
Pluralism and Diversity
PD/C
GER
3/B
Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3cr.
```

SOC 25900 - Mass Media, Communication and Public Opinion (W)

GER
3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
$3 c r$.

## Sociology: Upper Division

## SOC 30100 - Medical Sociology

GER
3/B
Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr .

## SOC 30700-Migration

Pluralism and Diversity
PD/B
GER
3/B
Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100

3 hrs
3 cr .

## SOC 30900 - Social Movements and Social Change (W)

## GER

3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 31100 - Population Dynamics

## GER

3/B
Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 31300 - Consumer Behavior

GER
3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 31400 - Culture and Consumption

GER
3/B
The structure and patterning of everyday life as concerned with material well-being. Symbolic and moral dimensions of food and living arrangements, as well as commerce and the marketplace.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 31500 - Work and Society (W)

GER
3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed WGSL 31500
prereq: SOC 10100
3 hrs
3 cr .

## SOC 31700 - Class, Status, and Power

## GER

3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 31900 - Criminology

## GER

3/B

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 32000 - Law, Society and Civil Rights

## GER

3/B

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 32100 - Sociology of Organizations

## GER

3/B

Organization, structure, and processes; relationship between individual and organization.
prereq: SOC 10100
3 hrs
3 cr

## SOC 32200 - Drugs and Society

## GER

3/B

The course focuses on the social, cultural and historical dimensions of drug use, and treats the causes and consequences of drug use and abuse as a social -rather than bio-physical phenomenon. Course topics may include: drug use as a universal phenomenon, regulatory issues related to drugs, especially in relation to race, class and subcultures; and drugs as a media phenomenon.
prereq: SOC 10100
3 hrs
3 cr

## SOC 32500 - Seminar in Selected Problems of Sociology

## GER

3/B
Upper-level seminar: reading, discussion, and papers on significant problems in sociology.
prereq: SOC 10100, perm instr.
3 hrs
3 cr .
SOC 32502 - Sociology of Human Rights: Violation and Protection

## GER

3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

## SOC 32506 - Latin American Societies

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
$3 c r$.
SOC 32519 - Economic Development and Social Inequality in Latin America

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

## SOC 33000 - Children and Public Policy (W)

## GER

3/B

Study of changes in children's lives, including family composition, parental work, child care, and poverty, as well as the day-to-day lives of children living in poverty and immigrant families. The historical evolution of public policies and current policy issues are studied as they relate to children, particularly education, income support, and health policies. International policy comparisons are highlighted
prereq: ENGL 12000
3 hrs
3 cr .

## SOC 33100 - Field Placement in Social Work Agencies

## GER

3/B
Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper. prereq: SOC 10100, perm instr.
8 hrs per week
3 cr.

## SOC 33200 - Advanced Field Placement in Social Work Agencies

## GER

3/B
Supervised work in social service agency, weekly seminar, agency-based research project.
prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr.

## SOC 36100 - Development and Modernization (W)

Pluralism and Diversity
PD/A
GER
3/B
Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .
SOC 36200 - Sociology of Islam (W)

GER
3/B

Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding
of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 36400-Globalism and Nationalism

## GER

3/B

This course covers the emergence, spread, and decline of global cultural identities and practices in individual nationstates. It further explores the origin, character, and vicissitudes of nationalism in the global area.
prereq: SOC 10100
3 hrs
3 cr

## SOC 37101 - Independent Study

GER
3/B
Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

## SOC 37102 - Independent Study

GER
3/B
Completion of written assignment as proposed by student as approved and supervised by full-time faculty sponsor.
prereq: SOC 10100, perm instr.
2 hrs
2 cr
SOC 37103 - Independent Study

GER
3/B
Completion of written assignment as proposed by student as approved and supervised by full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

## SOC 37200 - Independent Study

## GER

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr. each sem

## SOC 42500 - Seminar in Selected Problems of Sociology

GER
3/B
Advanced seminar: reading, discussion, and papers on significant problems in sociology and in applied social research; in most cases cross-listed with graduate social research course or seminar.
prereq: SOC 10100, perm instr.
3 hrs
3 cr

## SOC 47100 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr . each sem

## SOC 47200 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

## SOC 47300 - Honors Seminar

GER
3/B
Honors paper.
prereq: SOC 10100, perm instr.
3 cr . each sem
SOC 49800 - Internship

GER
3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.
prereq: SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty
hrs TBA
3-6 cr.

## Sociology Courses less frequently offered

## SOC 20700 - Leisure, Recreation and Sports

GER
3/B
Role and social organization of leisure and recreation in traditional and modern society.
prereq: SOC 10100
3 hrs
3 cr .

## Swahili

## SWA 10100 - Swahili I

Introduction to Swahili, pronunciation and elements of grammar.
SWA 101 is usually not credited without completing SWA 102. For details about credit policy, please see Appendix
II: Foreign Language Requirement.
3 hrs
3 cr .

## SWA 10200-Swahili II

Introduction to Swahili, pronunciation and elements of grammar.
Each credit for SWA 10100 is not given until SWA 10200 completed
3 hrs
3 cr .
SWA 20100 - Swahili III

[^9]
## SWA 20200-Swahili IV

Review of morphology and syntax original composition, intensive oral practice.
prereq: SWA 20100 or demonstrated competence as a native speaker
3 hrs
3 cr .

## Theatre: Basic Courses

## THEA 10100 - Introduction to Theatre

## Hunter Core <br> Creative Expression (CE) <br> GER <br> 2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant. 3 hrs
$3 c r$.
THEA 15100 - Introduction to Theatre Production

Lectures and practical backstage work in all aspects of production. Work on studio and major productions required. 5 hrs
2 cr .
THEA 16100 - Acting I: Basic Acting Techniques

For intended majors and non-majors. Exploration of the fundamentals of acting technique throughexercises and improvisation.
coreq:
3 hrs
3 cr .

## Theatre: Intermediate Courses

## THEA 21100 - World Theatre I (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.

3 hrs
3 cr .

## THEA 21200 - World Theatre II (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

## THEA 21400 - Multicultural Perspectives in Theatrical Performance (W)

Pluralism and Diversity
PD/B
GER
3/A
Study of a selected minority theatre tradition in the United States: original roots, development, and influence on the cultural life of the group to be studied and on American culture in general. May be repeated for credit with a different topic.
prereq: THEA 10100
3 hrs
3 cr .
THEA 21500 - Black Theatre (W)

Pluralism and Diversity
PD/B
GER
3/A

Background and development, present practice, and future possibilities of Black theatre in America.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

## THEA 25100 - Theatre Production

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions
prereq: THEA 10100 or perm instr.
5 hrs
3 cr .

THEA 26100 - Acting II: American Realism

GER
3/A
Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism. prereq: THEA 16100 or perm instr.
4 hrs
3 cr .
THEA 26200 - Acting III: World Realism

GER
3/A

Continuation of scene study focusing on text analysis, personalization, objective and action using the world realistic repertory, such as the plays of Chekhov, Ibsen and Strindberg.
prereq: THEA 26100 or perm instr.
coreq: THEA 26300
4 hrs
3 cr .

## THEA 26300 - Basic Voice and Movement for Performers

Linklater-based training including alignment, breath, movement skills, vibrations of sound, freeing the channel for sound, resonance. Integration of body, voice and dramatic text is emphasized.
coreq: THEA 26200
3 hrs
2 cr .

## THEA 28100 - Visual Elements of Theatre

## GER

3/A
Introduction to the theory and practice of various design elements and their contribution to theatrical production. Includes practical work on departmental productions.
prereq: THEA 10100
5 hrs
$3 c r$.

## THEA 28200-Theatrical Design Techniques

## GER

3/A
Practical training in skills of drawing, painting, and model-making necessary for designing of scenery, costumes, and lights. Studio design work included. Prerequisite for all advanced design courses.
prereq: THEA 10100

## THEA 28300-Stagecraft

The theory and practice of executing scenery for the stage, including props construction, scenic painting, rigging, and new technologies. Includes required practical work on departmental productions.
prereq: THEA 10100
3 hrs
3 cr .
THEA 28400 - Makeup for the Stage

GER
3/A
Practical instruction in use of stage makeup.
prereq: THEA 10100
5 hrs
3 cr .
THEA 28500 - Design Concepts for Theatre, Film, and Television

GER
3/A

Theoretical and practical elements of design in theatre, film, and television. prereq: THEA 10100 or FILM 10100
3 hrs
3 cr .

## Theatre: Upper-Level Courses

THEA 32100 - Play Analysis (W)
Pluralism and Diversity
PD/D
GER

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .

## THEA 32200 - Theatre Theory and Criticism (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting. prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .
```


## THEA 32300-20th Century Aesthetics in Theatre and Film (W)

## GER

3/A

Points of interaction, mutual influence, and cross fertilization between theatre and film in theory and praxis. prereq: THEA 21300 or FILM 21100 or 21200; ENGL 12000
4 hrs
3 cr .

THEA 32400-Adaptation in Theatre and Film (W)

## GER

3/A

Examination of examples of works adapted to the stage or seen from another medium.
prereq: THEA 32100 or FILM 21100 or 21200; ENGL 12000
4 hrs
3 cr .

THEA 33100 - Avant-Garde Theatre of the 20th Century (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Departures from realism Expressionism, Artaud, Brecht, Grotowski from Alfred Jarry to the present.
prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3cr.
```


## THEA 33200 - Theatre of Realism and Naturalism

Pluralism and Diversity
PD/D
GER
3/A
Plays, theory, and stagecraft of realism and naturalism movements from the late 19th century to the present. prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .

## THEA 33300 - Alternative Performance

Pluralism and Diversity
PD/D
GER
3/A

Study of performance styles and practices using theatre and/or film in non-traditional modes.
prereq: THEA 21300 or THEA 32300
3 hrs
3 cr .

## THEA 35100 - Theatre Workshop

Individual assignments to backstage positions in production and management of departmental presentations. prereq: THEA 25200
5 hrs
2 cr .

## THEA 36100 - Acting: Non-realism

GER
3/A
Advanced scene study from non-realistic works such as absurdist, expressionistic, and post-modern plays.
prereq: THEA 10100, THEA 26200 or permission from instructor
4 hrs
3 cr .

## THEA 36200 - Acting: Period Drama

Pluralism and Diversity
PD/D
GER
3/A

Advanced scene study from classical plays of the Elizabethan, French Neo-Classic, Restoration and ancient Greek periods.
prereq: THEA 21100 or 21200 or 21300; THEA 26200, 26300 or perm instr.
coreq: THEA 36300
4 hrs
3 cr .

## THEA 36300-Advanced Voice and Movement for Performers

## GER

3/A

Continuation of training including increased capacity for breath, range, stamina, sound and movement, articulation, various classical text work. Integration of body, voice and dramatic text continues to be emphasized.
prereq: THEA 26300
coreq: THEA 36200
3 hrs
2 cr .

## THEA 36400-Mime and Masks

GER
3/A

Practical course in mime and mask exercises for actors, designed to open new avenues for emotional expression. prereq: THEA 36300
4 hrs
3 cr .

## THEA 36500 - Screen Acting

```
GER
3/A
Fundamental techniques unique to acting in film and television.
prereq: FILM 10100, THEA 26200
4 hrs
\(3 c r\).
```

THEA 37100 - Directing I

## GER

3/A
Principles of play production; directorial concepts; focusing audience attention on dramatic values.
prereq: THEA 2100 or 21200 or 21300, THEA 26100, 32100 or perm instr.
5 hrs
$3 c r$.
THEA 37200-Directing II

GER
3/A

Continued study of principles; incorporation of design elements; full laboratory production of one-act play by each student.
prereq: THEA 37100 or perm instr.
5 hrs
3 cr.

## THEA 37600 - Playwriting I (W)

GER
3/A

Study of problems in playwriting based on the student's own work.
prereq: THEA 10100 or perm instr.
3 hrs
3 cr.

## THEA 37700-Playwriting II

## GER

3/A

Continued study of playwriting techniques, with emphasis on the structure and form of the full length play. prereq: THEA 37600 or perm instr.
3 hrs
3 cr .
THEA 38100-Scene Design I

GER
3/A

Theory and practice of scenic design for the stage. Includes practical work on departmental productions.
prereq: THEA 28100
5 hrs
3 cr .

THEA 38200-Scene Design II

GER
3/A
Continued study of theory and practice of scenic design for the stage. Includes practical work on departmental productions.
prereq: THEA 38100
5 hrs
3 cr .

THEA 38300 - Costume Design I

GER
3/A

Theory and practice of costume design for the stage. Includes practical work on departmental producations.
prereq: THEA 28100
5 hrs
3 cr.

## THEA 38400-Stage Lighting Design

## GER

3/A

Principles, techniques, and practice of lighting for theatre, emphasizing its contribution to dramatic interpretation. prereq: THEA 28100
5 hrs
3 cr .
THEA 38500 - Production Design I for Theatre, Film, and Television

GER
3/A

Theory and practice in scenic design for theatre, film, and television.
prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3 cr .
THEA 38600 - Production Design II for Theatre, Film, and Television

## GER

3/A
Theory and practice in costume design for theatre, film, and television.
prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3 cr .

THEA 38700 - Concepts of Light in Theatre, Film, and Television

GER
3/A
The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television: how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.
prereq: THEA 28100 or THEA 28500
3 hrs
3 cr .

THEA 38800 - Theatres and Movie Palaces: Contemporary Culture

GER
3/A

Exploration of the architecture and evolution of selected 20th-century theatre and movie palaces.
prereq: THEA 21300 or FILM 21100
3 hrs
3 cr.

## THEA 39100 - Theatre Projects

GER
3/A

Experimental work in design or directing for advanced theatre students.
prereq or coreq: THEA 37200, 38100, perm chair
3 hrs
3 cr.

## Theatre: Special and Individual Studies Courses

## THEA 25301 - Special Topics in Theatre Performance

GER
3/A
Credit for participation in the departmental production. This course may be taken up to three times for credit. prereq: perm instr
5 hrs
3 cr .

THEA 29700-Special Topics in Theatre

GER
3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.
prereq: perm dept.
1-3 hrs
1-3 cr.

THEA 39700-Studies in Theatre

GER
3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester. prereq: variable
3 hrs
3 cr.

## THEA 40100 - Seminar

## GER

3/A

Not offered at all times. Readings, discussion, and papers on significant problems in theatre and film. prereq: perm dept.
3 hrs
3 cr .

THEA 40200 - Independent Research

GER
3/A

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis with a faculty mentor.
prereq: perm chair
1-3 hrs
$1-3 \mathrm{cr}$.
THEA 49800 - Internship

GER
3/A

Placement in appropriate off-campus locations, arranged on an individual basis with a faculty mentor.
prereq: perm dept.
1-6 hrs
1-6

THEA 49900 - Honors Project

GER
3/A

Open to majors only. Individual work under faculty supervision, qualifies student for departmental honors at graduation.
prereq: 3.5 major GPA, 2.7 overall $G P A$, perm chair
3 hrs
3 cr .

## Theatre: Courses offered only upon sufficient student demand

THEA 24100-Creative Dramatics

GER
3/A

THEA 24200 - Theatre for Young Audiences

GER
3/A
THEA 24300 - Theatre for Young Audiences: Laboratory

GER
3/A

THEA 24400 - Drama and Disability

GER
3/A
THEA 34100-Creative Drama Leadership Techniques: Special Groups

GER
3/A
THEA 34200-Creative Drama in the Community

GER
3/A

THEA 37800 - Scriptwriting for Young Audiences: Theatre, Film, and Television

GER
3/A

## Thomas Hunter Honors Program

HONS 20100 - Sophomore Honors Colloquium (W)

Pluralism and Diversity
PD/D
Sample topics: Integrating the Irrational; Dante's World; Language, Learning, and Computation; Law and Literature; The Gothic; Ethics in Public Health. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
prereq: perm dept.
3 hrs
3 cr .
HONS 30100 - Upper-Level Honors Colloquium (W)

Pluralism and Diversity
PD/D

Sample topics: Behavior and Evolution; Greek Myth in the Arts; Energy and Environment; Politics of Southern Africa. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser. prereq: perm dept.
3 hrs
3 cr.
HONS 30199 - Interdisciplinary Independent Study

```
prereq: perm honors council
3 hrs
cr.
```

HONS 49100 - Advanced Interdisciplinary Studies
prereq: perm honors council
6 hrs
6 cr .

## Urban Policy and Planning

## URBS 10100 - Urban Life: Personal and Observational View (W)

## Hunter Core

Individual \& Society - Social Science I\&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr .
URBS 10200 - Structure of Urban Region (W)

## Hunter Core <br> Individual and Society Social Science (I\&S SS) <br> GER <br> 2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr .
URBS 20100 - Urban Plans and Policies

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making. prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr .

## URBS 31000 - Methods of Urban Research and Policy Analysis

## GER

3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr .

## URBS 31100-Quantitative Approaches to Urban Analysis

GER
3/B
A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.
prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.
3 hrs
3 cr .

## URBS 40100 - Managing Urban Physical Environment

## GER

3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .
URBS 40200 - Urban Studies Studio

GER
3/B
This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one
location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr.

## URBS 40300 - Selected Topics in Urban Affairs

## GER

3/B

Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
3 cr .

## URBS 40354 - Seminar on the City

## GER

3/B
Provides an historical, political and economic context for the region's major policy issues. The course introduces students to the complexities of New York City's governance and its public service sectors. Students develop a framework and tools for addressing relevant questions about the functions of the city, drawing on lectures, speakers, readings, field visits, interviews and internship experiences.

This is a 3-credit per semester course. May be repeated one time with permission of the director of public service scholar program. Open only to Public Service Scholar studenets.
3 hrs
3 cr .

## URBS 40900 - Urban Studies Internship

## GER

3/B
Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.
3 hrs
3 cr .

## URBS 49806 - Public Service Scholar In-Service Seminar

GER
3/B
The Public Service Scholar In-Service seminar identifies and examines the types of learning that occur in the internship, including development of skills in management, problem solving, policy analysis, networking, time management, fundraising and performance evaluation.

This is a year-long course. Students register each semester. No credit awarded for first semester unless both semesters
are successfully completed.
6 hrs (3 per semester for two semesters)
6 cr. (3 per semester for two semesters)

## Women and Gender Studies: Required Courses

## WGS 10000 - Introduction to Gender and Sexuality Studies

Hunter Core<br>Individual and Society (I\&S)<br>Pluralism and Diversity<br>PD/C<br>GER<br>2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr.

## WGS 20100 - Classics in Feminist Thought (W)

Pluralism and Diversity
PD/C
GER
3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr.

## Women and Gender Studies: Feminism

WGS 21600 - Women Philosophers of the Past

## Pluralism and Diversity

PD/C
GER
3/A

Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.
cross-listed PHILO 21600
prereq: ENGL 12000, one course in philosophy
3
3

## WGS 24400 - Transnational Feminisms

Pluralism and Diversity
PD/C
GER
3/A or B

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.
prereq: WGS 10000, ENGL 12000
3 hrs
3 cr .

## WGS 36000 - Feminist Social Theory

Pluralism and Diversity
PD/C
GER
3/B

An introduction to feminist theory developed by women from Western, Third World and other countries.
cross-listed SOC 36000
prereq: SOC 10100 or perm instr.
3 hrs
3 cr .

## WGST 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

The history of political thought from the perspective of gender relations and the treatment of women. cross-listed POLSC 20900
prereq: ENGL 12000 or equiv.

3 hrs
3 cr .

WGST 23000 - Feminism: Philosophical Theory and Practice (W)

Pluralism and Diversity
PD/C
GER
3/A

Analysis of feminist theories and their practical implications.
cross-listed PHILO 23000
prereq: ENGL 12000 and one course in philosophy
3 hrs
3 cr .

WGST 30900 - Feminist Political Theory

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.
cross-listed POLSC 30900
prereq: ENGL 12000
3 hrs
3 cr .

## Women and Gender Studies: Feminist Thought and Theory

WGST 400.53 - Body Politics:Sexuality and Reproduction
cross-listed POLSC 486.57
WGST 29000-Special Topics in Feminist Thought and Theory

Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of feminist thought and theory.
prereq: ENGL 12000
3 hrs
3 cr .

## Women and Gender Studies: Gender, Literature and the Arts

WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s<br>Pluralism and Diversity<br>PD/C<br>GER<br>3/A<br>Discussion of the women's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.<br>Depending on topic, will satisfy a GER category.cross-listed FILM 22252<br>prereq: FILM 10100<br>4 hrs<br>$3 c r$.

WGSA 25000 - Women and Music (W)

Pluralism and Diversity
PD/C
GER
3/A
An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed MUSHL 25000
prereq: ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm instr.
3 hrs
3 cr .
WGSA 26000 - Russian Women Writers in English Translation (W)

```
Pluralism and Diversity
PD/C
GER
3/A
The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others. cross-listed RUSS 26000
prereq: ENGL 22000
3 hrs
3 cr.
```

WGSA 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr .

## WGSA 29000 - Special Topics in Gender, Literature and the Arts

## Pluralism and Diversity

PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender, literature, and the arts.
prereq: ENGL 12000
3 hrs
3 cr .

## WGSA 31900 - Advanced Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A
Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration.
May be repeated once for credit with a different topic.
cross-listed ENGL 31900
prereq: ENGL 22000
3 hrs
3 cr .

## WGSA 33700 - Caribbean Women Writers (W)

GER
3/A
A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

## WGSA 36100 - Russian Women Writers

Pluralism and Diversity
PD/C
GER

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M.
Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others. Readings and some writing in Russian.
cross-listed RUSS 36000
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## WGSA 38400 - Women and Media (W)

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed MEDIA 38400
prereq: MEDIA 18000
3 hrs
3 cr .

## Women and Gender Studies: Gender and Public Policy

## WGS 12100 - Public Speaking in Gender Studies

```
Pluralism and Diversity
P\&D C
This course is designed to cultivate and improve students' public speaking skills, for use in the classroom and in broader public spheres. To do so, we will engage with materials in critical identity studies (primarily on class, race, gender, and sexuality), which generate complex debates and afford fruitful opportunities to refine oratory skills.
```

3 hrs
3 cr .
WGSP 21900 - Women and the Law
WGSP 29000 - Special Topics in Gender and Public Policy

```
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and public policy.
prereq: ENGL 12000
```

3 hrs
3 cr .

## Women and Gender Studies: Gender and Sexuality

## WGSC 30100 - Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed ANTHC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

WGSS 15000 - Introduction to LGBTQI Studies

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

3 hrs
3 cr .

WGSS 17000 - Psychology of Human Sexuality

```
Pluralism and Diversity
PD/C
GER
2/B
Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
prereq: PSYCH 10000
3 hrs
3 cr .
```

WGSS 19000 - Development of Gender Roles

## Pluralism and Diversity

PD/C
GER
2/B
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed PSYCH 19000
3 hrs
3 cr .

## WGSS 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed SOC 25700
prereq: SOC 10100 or perm instr.
3 hrs
3 cr .

## WGSS 28700 - Masculinities

Pluralism and Diversity
P/D C
GER
3/B

The aim of this course is for students to develop an understanding of how knowledge about masculinities changes the way we see most areas of scholarship and daily life. This course engages scholarship on masculinities from the interdisciplinary study of sex and gender systems drawing on feminist literature; we will also study a variety of present day men's movements and understand how they relate to feminist movements.
prereq: ENGL 12000

## WGSS 29300 - Bathroom Politics

## Pluralism and Diversity <br> P\&D C

In this course, we will study bathrooms in relation to a body of state policies mandating segregated public facilities and spaces, primarily around sex and race. We will examine the anxiety, fear of contamination, and threat of violence in such spaces as it is translated into public policy through regulations including municipal building codes, civil rights legislation, and court cases.
prereq: ENGL 12000
3 hrs
3 cr .

WGSS 38700-Queer Theory

## Pluralism and Diversity

PD/C
GER
3/B

Examination of recent contemporary queer theory and politics in the United States, with particular attention paid to its intersections with feminism, critical race theory, class analysis and religion. Course time will also be dedicated to learning to write effectively about political theory.
prereq: WGS 10000
3 hrs
3 cr .

## Women and Gender Studies: Labor, Migration and Globalization

## WGSL 20017 - Globalization and Gender

Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'
prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.

## WGSL 29000 - Special Topics in Labor, Migration, and Globalization

## Pluralism and Diversity

PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of labor, migration, and globalization.
prereq: ENGL 12000
3 hrs
3 cr .

## WGSL 30600 - Gender and Migration

## Pluralism and Diversity

PD/B
GER
3/B
This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.
prereq: WGS 10000 and ENGL 12000

3 hrs
$3 c r$.

## WGSL 31500 - Work and Society (W)

## GER

3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed SOC 31500
prereq: SOC 10100
3 hrs
3 cr .

## WGSL 32100 - Women and Globalization

## GER

3/B
The situation of women from less developed countries with attention to the local and global forces shaping their lives. Topics include migration, the international division of labor, and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.
cross-listed ANTHC 32100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## WGSL 34500 - Women and Men in the Labor Market

## Pluralism and Diversity

PD/C
GER
3/B
Demand for labor, determination of wages and allocation of time between paid and unpaid activities, 'human capital' investments, labor market policy issues.
cross-listed ECO 34500
prereq: ECO 20000
3 hrs
3 cr .

## Women and Gender Studies: Sexualities

## WGSS 26600-Our Bodies, Our Politics

Pluralism and Diversity
PD/C
Sex and sexuality are commonly understood as an innate drive, but as science has recently begun to show, the way we
experience sexuality is better understood as a series of connected cultural practices. It is the constructed meaning attached to the act of sex that make up the foundation of our sexuality. This meaning changes across cultures and communities and has historically been a subject of political and legal struggle. From the battle for reproductive rights to laws limiting dildo ownership in Texas, our own bodies and the way we experience them are legislated and controlled.
prereq: ENGL 12000
3 hrs
3 cr .

## Women and Gender Studies: Women in Culture and Society

## WGS 20005 - Dominican and Haitian Literature and Culture

## 3 hrs

3 cr .

## WGS 21100 - Women in the 3rd World

Study of the historical, political, social, and economical status of women in the developing world.
3 hrs
3 cr .

WGS 22100 - Women in the Islamic World

Overview of the role of gender in Islam.
3 hrs
3 cr .
WGS 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A
Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.
May be repeated once for credit with a different topic.cross-listed ENGL 25800
prereq: ENGL 22000
3 hrs
$3 c r$.
WGS 33600 - African-American Women Writers (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.
cross-listed AFPRL 33600
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

## WGSC 15600 - Culture of Imperial Russia: The Age of Empresses

Pluralism and Diversity
PD/C
GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed RUSS 15600
prereq: ENGL 12000
3 hrs
3 cr .

## WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/A

Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
3 cr .

## WGSC 31800 - Women in Africa (W)

Pluralism and Diversity
GER 3/B PD/A or C
Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
cross-listed AFPRL 31800(W)
prereq: AFPRL 20200 or AFPRL 22200 or perm instr.
3 hrs
3 cr .
WGSC 32900 - Women in the African Diaspora (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.
cross-listed AFPRL 31900 (W)
prereq: AFPRL 20400, 20900 or 21000 or perm instr.
3 hrs
3 cr .

## WGSP 22300 - Sociology of the Family

Pluralism and Diversity
PD/C
GER
3/B
Family functions and interaction. Factors affecting stability and instability.
cross-listed SOC 20100
prereq: SOC 10100
3 hrs
3 cr .

## WGSP 23500 - The Psychology of Women (W)

## Pluralism and Diversity

PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
cross-listed PSYCH 23500
prereq: 6 cr. in PSYCH courses
3 hrs
3 cr .

## WGSP 23900 - Child Welfare (W)

GER
3/B
Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed SOC 23900
prereq: ENGL 12000, SOC 10100
3 hrs
3 cr .

## WGSP 25100 - Women and Health

## Pluralism and Diversity

PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.

3 hrs
3 cr .

## WGSP 26100 - Women and Politics (W)

```
Pluralism and Diversity
PD/C
GER
3/B
```

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed POLSC 21800
prereq: ENGL 12000
3 hrs
3 cr .

## WGSP 26200 - Women, War and Peace (W)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/B

Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
3 cr .

## WGSP 39800 - Community Leadership Seminar

A historical introduction and a contemporary overview of social welfare policy and leadership theory and practice that is primarily aimed toward students with experience of poverty. It provides students with the theoretical knowledge and tools they need to serve as informed peer supporters, mentors, trainers, and agents of change on college campuses and in their communities..
cross-listed POLSC 31707
prereq or coreq: ENGL 12000; perm dept. and instr.
3 hrs
3 cr .

## WGSP 49000 - Leadership Field Work Internship

Internship for students who have completed the Community Leadership seminar. Provides instruction and practical field experience to develop competency in a range of community organizing activities, building on the knowledge and skills developed in WGSP 39800.
This course is not a substitute for WGS 31000, but can be a substitute for WGS 32000 with approval from adviser.
prereq: WGS 39800
hrs TBA
$1-6 \mathrm{cr}$.

## WGSS 21900 - Women and the Law (W)

```
Pluralism and Diversity
PD/C
GER
3/B
Overview of how local, state and federal laws treat people on basis of sex.
cross-listed POLSC 21900
prereq: ENGL 12000
3 hrs
3cr.
WGSS 35100 - Gender, Science, and Technology
Pluralism and Diversity
PD/C
Explores the complex relationship among gender, science, and technology. cross-listed (Cross-listed with NURS 35100.)
prereq: ENGL 12000, at least one science course at the 100 level
3 hrs
3 cr.
```


## Women and Gender Studies: Women and Gender Across Cultures

## WGSC 29000 - Special Topics in Women and Gender Across Cultures

Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of women and gender across cultures.
prereq: ENGL 12000
3 hrs
3 cr .

## Women and Gender Studies: Special Topics Courses

## WGS 200XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{A}$ or B or C or D (see department)
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the
rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism \& diversity requirement, for further detail see department.
3 hrs
3 cr .

## WGS 300XX - Special Topics in Women and Gender Studies


#### Abstract

Pluralism and Diversity see department for GER or PD requirement as it will vary by topic course. Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category. 3 hrs 3 cr.


## WGS 400XX - Special Topics in Women and Gender Studies

## Pluralism and Diversity

see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category.
3 hrs
3 cr .

## WGSS 29000 - Special Topics in Sexualities

## Pluralism and Diversity <br> PD/C

WGSS 29000: This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and sexuality.
prereq: ENGL 12000
3 hrs
3 cr .

## Women and Gender Studies: Independent Study and Internships

Note: Independent Study (WGSI 29800WGSI 29800 or WGSI 39300) may be applied only once toward the major.

## WGSI 29800 - Internship

Independent Study (WGS 29800 or 39300) may be applied only once toward the major. prereq: perm program director
hrs TBA
1-6 cr.

## WGSI 39300 - Independent Research

Independent research guided by a faculty member on a subject of student's choice in the field of Women and Gender Studies.
Note: Independent Study (WGS 29800 or 39300) may be applied only once toward the major.
prereq: perm. program director
3 hrs
3 cr .

## Women and Gender Studies: Senior Seminar

## WGS 31000 - Research Seminar: Feminist Theory and Methodology

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.
Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar
prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher
3 hrs
3 cr.
spring semester

## WGSP 32000 - Internship Seminar: Feminist Activism and Advocacy

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Practical experience in one of a variety of agencies and organizations related to the needs or concerns of women. Weekly seminar devoted to discussion of feminist activism and advocacy.

Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar.
prereq: WGS 10000 and 20100 and at least one other WGS course at the 200 level or higher.
7-10 hrs
3-4 cr.
spring semester

## Yoruba

## YOR 10100 - Yoruba I

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria.
Each credit for YOR 10100 is not given until YOR 10200 is completed
3 hrs
3 cr. each

## YOR 10200 - Yoruba II

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria.
Each credit for YOR 10100 is not given until YOR 10200 is completed
3 hrs
3 cr. each

## YOR 20100 - Yoruba III

Writing and reading of Yoruba language, including study of grammar and syntax.
prereq: YOR 10200 or demonstrated competence in speaking and writing
3 hrs
3 cr .

## YOR 20200 - Yoruba IV

Intensive writing and reading of Yoruba language and continuation of study of grammar and syntax.
prereq: YOR 20100 or demonstrated competence as a native speaker
3 hrs
3 cr .

## Social Work

## SW 20100 - Introduction to Social Work

Introduces the beginning student to the philosophy, mission and challenges of social work. It provides a broad overview of the history, values, ethics, knowledge base, as well as populations we work with, and some of the practice methods and interventions we use to ameliorate problems.
course was formerly named SOC 23100
prereq: ENGL 12000; SOC 10100 or PSYCH 10000
3 hrs
3 cr .

## SW 31000 - Social Work Practice and Learning LAB I

Social Work Practice Lab (PL) I, is the first part of a two-semester foundation course that introduces the BSW student to professional social work practice with individuals, families, groups, organizations and communities.
prereq: SW 20100 Introduction to Social Work
coreq: SW 33000 Human Behavior and the Social Environment I ; SW 32000 Social Work Policy I
3 hrs.
3 cr .
fall only

## SW 31100 - Social Work Practice and Learning LAB II

Social Work Practice Lab (PL) II, is the second part of a two-semester foundation course and builds on the foundational issues and generalist practice approach in Social Work Practice Lab I.
prereq: SW 21000, SW 32000, SW 33000, SW 31000
3 hrs.

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3cr.
```

spring only

## SW 32000 - Introduction to Social Welfare Policy \& Services

Provides students with orienting knowledge and skills needed to examine social welfare policies and to understand their relevance to social service delivery and practice.

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prereq: SW 20100
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coreq: SW 31000, SW 33000

3 hrs .
3 cr.
fall only

## SW 33000 - Human Behavior in the Social Environment I

Provides a foundation for students to make conceptual linkages between multiple formulations of the personenvironment configuration in understanding the complexities of human behavior, while paying specific attention to both social diversity and human development.

```
prereq: SW 20100
```

coreq: SW 31000, SW 32000

3 hrs
3 cr.
fall only

## SW 33100 - Human Behavior in the Social Environment II

Continuation of the two-semester course (SW 33000/33100). It builds on a foundation of knowledge on "human behavior in the social environment" for social work practice with individuals, families, groups, organizations and communities.
prereq: SW 20100, SW 33000
coreq: SW 34000
3 hrs
3 cr .

## SW 34000 - Social Work Policy in Child Welfare

This course is designed to help students understand the current and historical context of child welfare policies and programs in New York and the United States; the major issues in child welfare; policy frameworks; and services and practices in the child welfare arena.
prereq: SW 20100, SW 31000, SW 32000
coreq: SW 31100, SW 33100
3 hrs.
3 cr.
spring only
SW 35000 - Social Work Policy II in Care Coordination

An overview of health care and care coordination systems and policies, with a specific focus on the role of social workers in implementing care coordination services to aging, health and mental health clients.
prereq: SW 20100, SW 31000, SW 33000
coreq: SW 31100, SW 33100
prereq or coreq: SW 32000
3 hrs.
3 cr .
spring only

## SW 36000 - Introduction to Community Organizing

The purpose of this course is to provide an introduction the theory and practice of community organizing. It will explore the diverse roles, goals and strategies used by community organizers to affect social change from a Human Rights perspective. Models of community organizing include mass mobilization, social action, grass roots empowerment, leadership development and advocacy. Special attention will be paid to issues of gender, class, race, ethnicity and sexual orientation.. The pedagogy requires a 20 hour volunteer field experience in a community-based organization.

```
prereq: Department Permission
3 hrs
cr.
```


## SW 37000 - Community Organizing Internship and Field Seminar

This is a one semester, 100 hour supervised Field Internship and a bi-weekly Community Organizing seminar. The purpose of the Internship is to develop skills and apply theory and concepts obtained in the Introduction to Community Organizing course (SW 360). Students choose their organization from a vetted list of community-based organizations provided by the Instructor. They negotiate the hours with the supervisor and approved by the Course Instructor. Among the acquired skills identified are: Organizing and Planning, Interpersonal, Analytical, Administrative and Tactics and Strategies. During the seminar, students have the opportunity to develop group facilitation and leadership skills, personal self-reflection and professional values and ethics using a social justice and human rights lens.
prereq or coreq: SW 36000
3 hrs
3 cr .

## SW 41000 - Social Work Practice in Child Welfare I

Social Work Practice in Child Welfare I is designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.
prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 34000
coreq: SW 43000, 45000
3 hrs
3 cr.
fall only

## SW 41100 - Social Work Practice in Child Welfare II

The 2nd semester of a year long practice course designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.
prereq: $S W$ 20100, 31000, 31100, 33000, 33100, 32000, 34000, 41000
coreq: SW 43100, 45100
3 hrs
3 cr.
spring only

## SW 42000 - Social Work Practice in Care Coordination I

The first part of a two semester practice course. It is designed to help students apply the major psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practices to care for older adults, the mentally ill and persons with chronic health issues.
prereq: $S W 20100,31000,31100,33000,33100,32000,35000$
coreq: SW 43000, 45000
fall only

## SW 42100 - Social Work Practice in Care Coordination II

The second half of a two-semester practice course on Care Coordination. It deepens knowledge and skills of students learning how to apply psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practice to care for older adults, mentally ill, and persons with chronic health issues.
prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 35000, 42000
coreq: SW 43100, 45100
3 hrs
3 cr .
spring only

## SW 43000 - Integrative Seminar 1

This is the first part of a two-semester Integrative Seminar taken in conjunction with field placements. Students are taught how to use assessment, planning, intervention and evaluation paradigms to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.
prereq: SW 20100, 31000, 31100, 33000, 31100, 32000; 34000 -or- 35000
coreq: SW 41000 -or- 42000; SW 45000
3 hrs
3 cr .
fall only

## SW 43100 - Integrative Seminar 2

This is the second semester skills building Integrative Seminar taken in conjunction with field placements. The assessment, planning, intervention and evaluation paradigms are used to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.
prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 35000 -or- 34000; 43000, 45000
coreq: SW 41100 -or- 42100; 45100

```
3 hrs
3cr.
spring only
```


## SW 44000 - Social Work Research

An introduction to basic research methods within the context of social work practice.

```
prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 -or- }3500
3 hrs
3 cr.
fall only
```


## SW 45000 - Social Work Field Instruction I

Field Work and Field Instruction is a 14 hour per week formal internship. It connects social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.
prereq: SW 31000, 31100, 32000, 34000, or SW 35000, 33000, 33100
coreq: Social Work Practice in Child Welfare I, SW 41000 or Social Work Practice in Care Coordination I, SW 420, Social Work Research, SW 44000, Integrative Field Seminar I, SW 43000
3 hrs
3 cr.

## SW 45100 - Social Work Field Instruction II

This is the second semester of the year-long, 14 hour per week, course in Field work and Field Instruction that integrates social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.
prereq: SW 45000
coreq: SW 41100 or $S W$ 42100, SW 43100
3 hrs
3 cr.

## SW 46000 - Advanced Community Organizing Theory \& Practice

The purpose of this course is to deepen the knowledge and skills of students in the theory and practice of community organizing with an emphasis on critical thinking and reflection. It builds upon and extends the framework and basic concepts of the "Introduction to Community Organizing" course SW 36000.The course provides an overview of historical and contemporary community organizing practices in the United States, and analyzes power and oppression in social movements with special attention to the impact of structural discrimination on low income communities and communities of color. It also includes skills in community-based participatory action research and collaboration.

```
prereq: SW 36000
prereq or coreq: SW 37000
3 hrs
3cr.
```

Other Courses

## BIOL 30400 - Environmental Microbiology

## GER

3/B

Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.
prereq: BIOL 10000, 10200, 20000 or perm instr.
3 hrs
3 cr .

## Section XI: School of Arts and Sciences

## School of Arts and Sciences

## About the School of Arts and Sciences

Hunter College's School of Arts and Sciences provides students with opportunities to pursue undergraduate and graduate degrees in the arts, humanities, social sciences, and natural sciences. In the classroom, the laboratory, or the studio, students work with accomplished faculty members who have gained recognition for their cutting-edge research, their creative activity, and their dedication to the city. An increasing number of undergraduates in the arts and sciences undertake their own research under faculty supervision. Besides stimulating and challenging courses, the School encourages students to study abroad, participate in internship programs, and more. Advising resources (including preprofessional advising in business, health, and law) help students plan and prepare for their careers after graduation.

As the largest academic unit within Hunter College, the School consists of more than 450 full-time faculty members in 26 departments and several interdisciplinary programs, and enrolls more than 15,000 undergraduate and more than 1,500 graduate students. All the major academic disciplines in the arts and sciences are represented in the school. Students also participate in interdisciplinary programs such as Asian American Studies, Comparative Literature, Human Biology, Jewish Studies, and Religion. In cooperation with Hunter College's Roosevelt House, the School vigorously supports interdisciplinary programs in in Human Rights and Public Policy.

Office of the Dean:

812 East
(212) 772-5121

## Dean:

Andrew Polsky
(212) 772-5121

Web site: http://www.hunter.cuny.edu/arts_sci/deans_office

## Africana and Puerto Rican/Latino Studies

## About the Department

Department Description

## Programs and Courses

Programs and Courses in Africana and Puerto Rican/Latino Studies

## Administration and Faculty

## Department Office:

1711 Hunter West
(212) 772-5035

Web site: http://www.hunter.cuny.edu/afprl
Department email: afprl@hunter.cuny.edu
Chair:
Anthony Browne
1711 Hunter West
(212) 772-5033
apbrowne@hunter.cuny.edu

## Faculty

Africana and Puerto Rican/Latino Studies
HEGIS Code: 2211

## Africana and Puerto Rican/Latino Studies

## BA in Africana and Puerto Rican/Latino Studies

Given the interdisciplinary organization of the department, students may elect to concentrate their program of study in the Africana sequence, Puerto Rican/Latino sequence or a combination of both with courses from social sciences and humanities offered by the department.

## Hunter Core Requirements

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:

[^10]In the case of the Africana and Puerto Rican/Latino Studies, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| AFPRL 20100 | World Culture and Global Issues (WCGI) | Major |
| AFPRL 20200 | World Culture and Global Issues (WCGI) | Major |
| AFPRL 20900 | World Culture and Global Issues (WCGI) | Major |
| Please note that no more than two courses from any one department will count for the CUNY Common Core. |  |  |

## Major

The major consists of 30 credits. Courses to be taken are as follows:
6 credits from among

## AFPRL 20100 - African History from Human Origins to 1600 CE

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr.

## AFPRL 20200 - African History Since 1600 CE

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Main currents of African history from 1600 CE to present
3 hrs
3 cr.

## AFPRL 20300 - African American History I

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr .

## AFPRL 20400 - African American History II

```
Pluralism and Diversity
PD/B
GER
2/B
Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr .
```


## AFPRL 20900 - Introduction to Caribbean History to 1900

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

```
Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B
```

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 24100 - Puerto Rican History to 1897

Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.

3 hrs
3 cr .

## AFPRL 24200 - Puerto Rican History Since 1898

```
Pluralism and Diversity
PD/A
GER
2/B
```

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present. 3 hrs
3 cr .
3 credits from

## AFPRL 28100 - Fieldwork in African American/Latino Communities

Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican/Latino communities.
Course open to Majors and Minors Only
3 hrs
3 cr. each

## 21 credits

- Of which at least 12 must be taken at the 300 and/or 400 level. At least 3 credits must be taken in Puerto Rican/Latino studies if the student's concentration is in Africana studies and vice versa.


## Minor in Africana and Puerto Rican/Latino Studies

The Department of Africana \& Puerto Rican/Latino Studies offers a 12-credit minor that requires students to successfully complete two 100/200 level courses and two 300/400 level courses.

## Honors

The honors research course, AFPRL 49900, is open to AFPRL upper seniors who have a 3.5 GPA in the major with a 3.0 GPA overall and have completed at least 24 credits including three AFPRL 300/400 level courses. In order to receive an honors endorsement, a student must receive a final grade of at least B+. Students who do not meet the requirement for an honors endorsement but have passed the course, will receive three credits without honors. The research theme changes every academic year. The project is supervised by one full-time AFPRL faculty member but is read and graded by the supervisor and two additional AFPRL full-time faculty members.

## Minor in Africana \& Puerto Rican/Latino Studies

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

## The Africana \& Puerto Rican/Latino Studies Minor

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

## Anthropology

About the Department<br>Department Description<br>Programs and Courses<br>Programs and Courses in Anthropology<br>Administration and Faculty<br>Department Office:<br>722 North<br>(212) 772-5410<br>Web site: http://hunter.cuny.edu/anthropology<br>Chair:<br>Jonathan Shannon<br>713 North<br>(212) 772-5452<br>jshanno@hunter.cuny.edu<br>Undergraduate Adviser:<br>Jessica Rothman<br>726 North<br>(212) 772-4064<br>jessica.rothman@hunter.cuny.edu

## Faculty

Anthropology Faculty
HEGIS Code: 2202

## Anthropology - BA

## BA in Anthropology

The anthropology major is designed to give students an overview of the discipline, as well as training in all four fields of the subject (archaeology, cultural anthropology and ethnology, anthropological linguistics and biological anthropology). The anthropology major consists of 25 credits [see table below]. To declare a major in anthropology, the student must have completed at least one course in anthropology with a C grade or better. In order to graduate with a major in anthropology, students must earn a C grade or better in all required courses and electives counted toward the major (effective for students declaring the major after September 1, 2007

## Foundational Courses

Students with no prior background in this academic field will need one 3 credit Foundational Course. This course must be be completed before embarking upon the major. Students will appropriate background may be exempted from some or all Foundational Courses. See department for proper placesment.

## ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr.
offered every sem.

## Hunter Core Requirement

Note: Several courses leading to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

In the case of the anthropology major, the courses that meet CCC are:

| Course | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ANTHP 10100 (STEM)Life and Physical Sciences | Major |  |
| ANTHC 10100 | Individual and Society (SS) | Foundational |
| ANTHC 15100 | World Culture/Global Issues | Major |
| ANTHP 10200 <br> (STEM) | Scientific World | Major |
| ANTHP 10500 | Life and Physical Sciences | Major |

## Credits required for the major 25-28

Foundational Course (for students without background in the field) $=\mathbf{3} \mathbf{c r}$.
Major in Anthropology $\quad=\mathbf{2 5} \mathbf{~ c r}$.
Biological Anthropology (4 cr.)
Linguistics (3 cr.)
Archaeology (3 cr.)
Research Design (3 cr.)
History of Anthr. Theory ( 3 cr .)
Electives (9 cr.)

Total for students without background in the field
$=28 \mathrm{cr}$.
Major 25 cr .

## Major Requirements

Biological Anthropology: Human Evolution or Human Variation (4 cr.)

## ANTHP 10100 (STEM) - Human Evolution

Hunter Core<br>Life and Physical Sciences (LPS) Scientific World (SW)<br>GER<br>2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## Linguistics: Intro to Linguistics (3 cr.)

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core

World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr .

Archaeology: Intro to Prehistoric Archaeology (3 cr.)

## ANTHC 12600 - Introduction to Prehistoric Archaeology

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B
```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

Research Design (3 cr.)

## ANTHC 31400 - Research Design in Anthropology

Pluralism and Diversity
GER 3/B
Introduction to basic principles of research design employed in anthropology.
prereq: ANTHC 10100
3 hrs
3 cr .
History of Anthropological Theory (3 cr.)

## ANTHC 31800 - History of Anthropological Theory

Pluralism and Diversity
PD/D
GER
3/B
Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .
Elective courses (9 cr.)
(selected from above fields)
Total credits 25

## Minor in Anthropology

There are two new rules about the minor. First, the minor department controls the minor. Second, the minor is no longer a degree requirement.

## General Anthropology

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present. The minor consists of four courses for a total of 13 credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

The minor includes the following three required courses:

## ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr.
offered every sem.

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core <br> World Cultures and Global Issues (WCGI) <br> GER <br> 2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr .

Plus one additional course selected from the following two options:

## ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## Minor in Linguistic Anthropology

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies. The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate adviser. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core

World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

## ANTHC 35100 - Language in Culture and Society

## GER

3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr.

ANTHC 40100 - Seminars in Selected Topics

## Minor in Anthropological Archaeology

The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective. The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor. Only one non-ANTHC course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor.

ANTHC courses:

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## ANTHC 12700 - Methods In Archaeological Science

```
Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3cr.
```


## ANTHC 34600 - Analytic Methods in Archaeology

## GER

3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys. prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr.

Non-ANTHC courses

## ANTHP 10100 (STEM) - Human Evolution

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
```

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>\section*{GER}<br>2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr.

## GEOG 10100 - People and Their Environment

Hunter Core<br>Individual and Society - Social Science<br>GER<br>2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students
with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## Minor in Cultural Anthropology or Ethnology

The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that may be approved by the departmental undergraduate adviser. In order to graduate with a Cultural Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

## ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr.
offered every sem.

## ANTHC 21500 - The Anthropology of Black America (W)

## Pluralism and Diversity <br> PD/B <br> GER <br> 3/B

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr .

## ANTHC 27500-Reading Ethnographies (W)

## GER

3/B

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.

```
prereq: ANTHC 10100 or perm instr.
```

```
prereq or coreq: ENGL 12000
```

3 hrs
3 cr .

## ANTHC 30100-Gender in Anthropological Perspective

```
Pluralism and Diversity
PD/C
GER
3/B
```

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 30900-Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity
PD/A
GER
3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31800 - History of Anthropological Theory

Pluralism and Diversity
PD/D
GER
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 32000 - Problems in Anthropology

## GER

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet $\mathrm{PD} / \mathrm{A}, \mathrm{B}$, or C .
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

## ANTHC 32200 - Family and Household in Anthropology and History

```
Pluralism and Diversity
PD/C
GER
3/B
```

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100
3 hrs
$3 c r$.

## ANTHC 35100 - Language in Culture and Society

## GER

3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

## ANTHC 40000 - Honors Projects

prereq: perm chair
offered every sem.

## Minor in Physical Anthropology

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology. The Minor consists of a minimum of 12 credits. These must include ANTHP 10100 (STEM) - Human Evolution (4 Cr). The remaining credits can be filled by any ANTHP courses. Also, one (and only one) non-ANTHP course from the following list may count towards the minor. In order to graduate with a Physical Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Required course for the minor

## ANTHP 10100 (STEM) - Human Evolution

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
```

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## ANTHP 30100 - Human Fossil Record

## Pluralism and Diversity

PD/C
GER
3/B

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

## ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr.

## ANTHP 31000 - Primate Ecology and Behavior

GER
3/B
Examination of ecological factors responsible for the distribution and behavior of living primate species. prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr .

## ANTHP 31100 - Primate Evolution

## GER

3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

## ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
3 cr .

## ANTHP 31600 - Human Evolutionary Adaptations

GER
3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

## ANTHP 40100 - Seminars in Selected Topics

Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr .
Non-ANTHP courses

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and
molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
fall only

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)

## GER

2/E
Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## PSYCH 16000 - Evolution and Behavior

## GER

2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

## Honors Work

Honors work is possible in each of the major branches of anthropology. The emphasis is on independent student research under the supervision of a faculty member. In order to graduate with departmental honors in anthropology, a
student must: (1) have taken at least 2 credits of ANTHC 40000; (2) have a GPA in the major of not less than 3.5 and a cumulative GPA of not less than 2.8 at the time of graduation; and (3) complete a departmental honors form available from the departmental undergraduate adviser.

## ANTHC 40000 Honors Project

(available to students in each of the four fields of anthropology) Open to qualified juniors and seniors every semester. Research under supervision of a faculty member. From 2 to 3 credits per semester, depending on the nature of the student's work. May be taken for 1,2 , or 3 semesters for a maximum of 6 credits. To apply, students must (1) present a research plan prepared in conjunction with a faculty member; (2) have this plan approved by the undergraduate adviser and the department chair; and (3) obtain approval prior to preregistration.

## Interdepartmental Fields

Students who want to do work in anthropology as part of an interdepartmental field, such as Africana and Puerto Rican/Latino studies, Latin American and Caribbean studies, religion, urban affairs and planning, or women and gender studies, should refer to descriptions under the department or field of their interest.

## Anthropology - BA/MA

A special feature of the Hunter Anthropology Department is the innovative BA/MA program, designed to permit a small number of highly motivated students to begin graduate study before completing their undergraduate degrees. The program allows students to pursue the MA degree as part of the undergraduate curriculum by substituting graduate courses for electives in their degree programs. Participants fulfill all the requirements for the BA and MA degrees in anthropology. The total number of credits taken by the student is 130 . At least 30 must be graduate credits (the same number of course credits required of a student admitted as a matriculated graduate student with a BA in hand). Graduate courses may fulfill undergraduate major requirements with the exception of. Applicants to the BA/MA program must have a minimum GPA of 3.25 and a minimum of 3.5 in their anthropology courses. Students must apply to the program early in their academic careers, usually before beginning the junior year.

Please note: This program is suspended. It is not currently admitting new students. For further information, please contact the department at (212) 772-5410.

## List of Selected Approved Courses for the Minor in Middle East Studies

(subject to Modification)

## Area I: Historical Formations

## Anthropology

## ANTHC 22800 - Archaeology of the Near East to 2000 BC

```
Pluralism and Diversity
PD/A
GER
```

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## Classics

CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 22700 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

CLA 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .
CLA 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A

## GER <br> 3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

## Hebrew

## HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr

## History

## HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800

Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 27651 - The Modern Middle East from 1800 to the Present

Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and
including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

## HIST 37300 - History of the Ottoman Empire (W)

Pluralism and Diversity
PD/A
GER
3/B

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the $12^{\text {th }}$-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.
prereq: ENGL 12000
3 hrs
3 cr.

## Area II: Society and Politics

## Anthropology

## ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3 cr.
ANTHC 401.78 Ethnology of the Middle East
ANTHC 400 Ethnographies of the Middle East

## Hebrew

## HEBR 25900 - Old Testament Religion

Hunter Core<br>World Cultures and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs
3 cr

## Political Science

## POLSC 26300 - Government and Politics in the Middle East (W)

Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 26400 - Government and Politics of Israel (W)

## GER

3/B
Historic evolution of the Jewish state and its political system, social issues and foreign policy. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
Religion

REL 25200 - Ancient Near Eastern Religions (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old
Testament).
prereq: ENGL 12000
3 hrs
3 cr .
REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER

```
2/C
```

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 32400 - Islam and Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .

## REL 33700 - Sufism (W)

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr .

## Sociology

SOC 36200 - Sociology of Islam (W)

GER
3/B

Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
3 cr .

## Area III: Arts, Literatures and Cultures

## Arabic

## ARB 20000 - Topics in Arabic Literature and Culture

```
This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule. prereq: ENGL 12000 or equivalent
3 hrs.
3 cr .
```


## ARB 25000 - The Arab Novel (in translation) (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

## ARB 25100-Arab Cinema (in translation)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25200 - Literatures from the Islamic World (W)

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

A survey of literary genres and themes from the Islamic World from the 7 th to the 15 th century.
prereq: ENGL 12000 or equivalent

3 hrs
3 credits

## ARB 25300 - Literatures and Cultures of Muslim Spain (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25400 - The Arabian Nights East and West (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

## ARB 25500 - Modern Palestinian Culture

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> Pluralism and Diversity <br> PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.

3 hrs
$3 c r$.

## ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051,
GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.
3 hours
3 credits

## Art History

## ARTH 20500 - Egyptian Art

Pluralism and Diversity
PD/A
GER
3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.
prereq: ARTH 11100
prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.
3 hrs
3 cr .

## ARTH 26000 - Islamic Art and Architecture

```
Pluralism and Diversity
PD/A
GER
3/A
```

Introduction to the art and architecture of Islamic lands (7th to 19th century).
prereq: ARTH 11100
3 hrs
3 cr .
Hebrew (partial listing)

## HEBR 21000 - Selected Studies in Hebrew Literature in Translation

## Pluralism and Diversity

PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs
3 cr .

## HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

## HEBR 22100 - Modern Israeli Culture

## Hunter Core

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

## HEBR 31000 - Modern Hebrew Literature I

```
Pluralism and Diversity
PD/D
GER
3/A
```

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
$3 c r$

## HEBR 31100 - Modern Hebrew Literature II

## GER

3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

## HEBR 31500 - Biblical Literature: Pentateuch

## Pluralism and Diversity

PD/A
GER
3/A
Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 32000 - The Modern Hebrew Short Story

GER
3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends. prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 32200 - Medieval Literature
Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
$3 c r$
HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

```
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Bialik, Tschernichovsky, Kahan and Shneour. prereq: HEBR 20200 or equiv.
3 hrs
\(3 c r\)
```


## HEBR 32400 - The Modern Hebrew Essay

```
Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
```

HEBR 32500 - History of Modern Hebrew Literature

GER
3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32700 - The Modern Hebrew Novel

GER
3/A
Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels. prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32800 - Contemporary Hebrew Prose

GER
3/A
Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A.
Applefeld and A. B. Yehoshua.
prereq: HEBR 20200 or equiv.
3 hrs
$3 c r$

## Music

## MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
instructor
3 hrs
3 cr

## Other Courses

Students may petition for other courses to fulfill the elective requirement. No more than two classes from other campuses or universities may be used to fulfill MMES requirements.

## Minor in Anthropological Archaeology

The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective. The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor. Only one non-AN-C course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor

## Courses for the Minor

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## ANTHC 12700 - Methods In Archaeological Science

```
Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
cr.
```


## ANTHC 22600 - Archaeology of Africa

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.

3 hrs
3 cr .

## ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 32000 - Problems in Anthropology

GER
3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet $\mathrm{PD} / \mathrm{A}, \mathrm{B}$, or C .
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

## ANTHC 32600 - Rise of Old and New World Civilizations

GER
3/B

Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
ANTHC 32700 - Prehistoric Cultural Ecology

GER
3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr .

## ANTHC 34600 - Analytic Methods in Archaeology

GER
3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys.
prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr .

## ANTHC 42600 - Seminar in Archaeological Field Methods

## Pluralism and Diversity

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.
The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
Non ANTHC Courses:

## ANTHP 10100 (STEM) - Human Evolution

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)

## GER

2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

## Hunter Core

World Culture and Global Issues (WCGI)
GER
2/C
Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr.

## GEOG 10100 - People and Their Environment

## Hunter Core

Individual and Society - Social Science
GER
2/B


#### Abstract

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.


```
3 hrs
3cr.
offered fall and spring.
```


## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## Minor in Anthropology

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present. The minor consists of four courses for a total of 13 credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

## The minor includes the following three required courses:

## ANTHC 10100 - Introduction to Cultural Anthropology

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

## 3 hrs

3 cr.
offered every sem.

## ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core <br> World Cultures and Global Issues (WCGI) <br> GER <br> 2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .

## Plus one additional course selected from the following two options:

## ANTHP 10100 (STEM) - Human Evolution

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## Minor in Cultural Anthropology

The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that may be approved by the departmental undergraduate advisor. In order to graduate with a Cultural Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Courses (12 cr.):

## ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr .
offered every sem.

## ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
3 hrs
3 cr .

## ANTHC 21400 - The Caribbean: Societies and Cultures

```
Pluralism and Diversity
PD/A
GER
3/B
Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3 hrs
3cr.
```


## ANTHC 21500 - The Anthropology of Black America (W)

```
Pluralism and Diversity
PD/B
GER
3/B
```

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture. prereq: ENGL 12000
3 hrs
3 cr .

## ANTHC 27500-Reading Ethnographies (W)

## GER

3/B

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## ANTHC 30100-Gender in Anthropological Perspective

```
Pluralism and Diversity
PD/C
GER
3/B
```

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 30700-Anthropology of Religion

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning. 3 hrs
3 cr .

## ANTHC 30900-Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity
PD/A
GER

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

## ANTHC 31100-Anthropology of Art

Pluralism and Diversity
GER 3/B
Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.
3 hrs
3 cr.

## ANTHC 31200 - Anthropological Approaches to Sexuality

```
Pluralism and Diversity
PD/C
GER
3/B
Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.
prereq: ANTHC 10100
3 hrs
3 cr .
```


## ANTHC 31500-Applied Anthropology

## GER

3/B'

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.
prereq: ANTHC 10100 or perm instr.
3 hrs
$3 c r$.

## ANTHC 31800-History of Anthropological Theory

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.

3 hrs
$3 c r$.

## ANTHC 32000 - Problems in Anthropology

GER
3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

## ANTHC 32200 - Family and Household in Anthropology and History

Pluralism and Diversity
PD/C
GER
3/B
Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100
3 hrs
3 cr .

## ANTHC 32500-Special Projects and Independent Research in Anthropology

## GER

3/B
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

## ANTHC 35100 - Language in Culture and Society

GER
3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .
ANTHC 40000 - Honors Projects

## ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

## Minor in Linguistic Anthropology

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies.

## Minor in Linguistic Anthropology

The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate advisor. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Choose from courses below:

## ANTHC 15100 - Introduction to Linguistics

## Hunter Core

World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .

## ANTHC 32000 - Problems in Anthropology

## GER

3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet $\mathrm{PD} / \mathrm{A}, \mathrm{B}$, or C .
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

## ANTHC 35100 - Language in Culture and Society

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr.

## ANTHC 35400-Grammatical Analysis and Theory

GER
3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

## ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

## Minor in Middle East Studies

The Minor in Middle East Studies seeks to develop students' understanding of the complex and interconnected political, economic, cultural, environmental, linguistic, historical, and religious issues in the region by fostering critical, interdisciplinary and global approaches to the study of the Middle East and its diasporas.

To this end, the Minor in Middle East Studies (MMES) requires completion of a minimum of 12 credits ( 4 courses). In addition, students are encouraged to fulfill the college language requirement through study of a regional language. However, there is no language requirement for the MMES.

No grade below B- shall be considered to fulfill these requirements.

## Admission to the Minor

Students who have completed at least 3 credits of relevant coursework in Middle East Studies (including regional languages) with an average GPA of 3.0 may apply for admission to the Minor. To declare the Minor, students will complete the Minor Declaration form and meet with the Director. For advising purposes students are encouraged to apply early in their academic careers. Any Middle East Studies related courses taken prior to declaring the Minor shall count toward the 12 credit minimum for the Minor in Middle East Studies.

Credits earned toward the Minor in Middle East Studies shall not also count toward the fulfillment of Major or other Minor requirements.

## Introductory survey course: 3 cr

All students will take one survey course in Middle East Studies chosen from among the following, or another general survey course subject to approval by the Director:

## ANTHC 20100 - The Middle East: Societies and Cultures

```
Pluralism and Diversity
PD/A
GER
3/B
```

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3 cr .

HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800

Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27651 - The Modern Middle East from 1800 to the Present

## Pluralism and Diversity <br> PD/A

The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the
instructor
3 hrs
3 cr

## POLSC 26300 - Government and Politics in the Middle East (W)

## Pluralism and Diversity

PD/A
GER
3/B
Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent

3 hrs
3 cr .
Additional courses may be developed to fulfill this requirement

## Electives: 9 cr

In addition, students will take a minimum of 9 credits in electives, and must choose at least one class focusing on the Middle East from each of the following three areas of concentration:
I) Historical Formations
II) Society and Politics
III) Arts, Literatures, and Cultures

Students may petition for other courses to fulfill the elective requirement.
Click here for a list of currently offered courses that meet these requirements:

List of Selected Approved Courses for the Minor in Middle East Studies

Students may fulfill 3 of the 9 credit hour elective requirement with advanced language and literature classes (3rd year and beyond), for Area of Concentration III) Arts, Literatures and Cultures. With the approval of the Director, students may take an independent study and one course from outside Hunter College to satisfy the requirements for the Minor.

## Minor in Physical Anthropology

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology. The Minor consists of a minimum of 12 credits. These must include ANTHP 101 Human Evolution ( 4 Cr ). The remaining credits can be filled by any AN-P courses. Also, one (and only one) nonANTHP course from the following list may count towards the minor. In order to graduate with a Physical Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

## Required course for the Minor:

## ANTHP 10100 (STEM) - Human Evolution

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)

## GER

2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## 8 or more credits from any of the following courses:

Note: Only one non-ANTHP may be used for the Physical Anthropology Minor.

## ANTHP 30100 - Human Fossil Record

```
Pluralism and Diversity
PD/C
GER
3/B
```

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record. prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

## ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

## ANTHP 31000 - Primate Ecology and Behavior

## GER

3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species. prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr .

## ANTHP 31100 - Primate Evolution

## GER

3/B
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr.

## ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
3 cr .

## ANTHP 31600 - Human Evolutionary Adaptations

## GER

3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

## ANTHP 40100 - Seminars in Selected Topics

Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr .

Non ANTHP Courses:

## ANTHC 12600 - Introduction to Prehistoric Archaeology

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D

## GER

2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
fall only

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E
Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## PSYCH 16000 - Evolution and Behavior

## GER

2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

## Art and Art History

## About the Department

The Department of Art \& Art History offers a wide variety of courses for majors and non-majors. In studio art, two academic degrees are offered: the BA and the BFA. In art history, we offer a BA degree. Art history is the study of works of art and architectural monuments in their cultural environment. Students learn first to develop their powers of critical visual analysis. Then, by concentrated study of certain significant periods in the history of Western and nonWestern art, they learn to relate the forms of art to contemporary historical, political, economic, religious, social and cultural phenomena.

The department's broad range of studio courses begins with Introduction to Study of Visual Experience (ARTLA 10100) followed by Beginning Drawing (ARTCR 22100), which are prerequisites for all studio courses. In the beginning classes, the student learns the basic principles in various media; the advanced courses emphasize individual exploration.

## Programs and Courses

Programs and Courses in Art and Art History

## Administration and Faculty

## Department Office:

11054 North
(212) 772-4995

Web site: http://www.hunter.cuny.edu/~art

## Chair:

Howard Singerman
N11054
(212) 772-5051

## Faculty

Art Faculty

HEGIS Code: 1002 (Studio Art); 1003 (Art History)

## Art History - BA

## Art History- BA

The Department of Art and Art History offers introductory, intermediate and advanced courses in art history. The major consists of 3 credits in a foundational course and 30 credits in the major. No more than 15 credits transferred from another institution may be applied to the major.

The Art History BA is intended for students interested in a liberal arts education in the humanities or students planning to continue their art history studies in a graduate program. A broad range of courses from different fields, rather than specialization in one area, is encouraged. In order to declare a major in art history, students must have taken ARTH 11100. Majors who have completed 3 credits in art history beyond ARTH 11100 are eligible to take the required seminar, Research Methods of Art History ARTH 30000, to be programmed in consultation with an art history adviser.

Majors planning graduate study in art history should discuss with an art history adviser the requirements for graduate admission, including graduate language requirements; this should be done during an early semester.

Students may declare a double major in Studio Art (24 cr.)
Note: At least one class numbered ARTH 31100 (W) - ARTH 38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective)

## Required Courses for the BA in Art History

## Foundational Course

## ARTH 11100 - Introduction to History of Art

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
$3 \mathrm{cr} . \mathrm{cr}$

## One course in each of four distribution areas 12 cr .

Note: Distributions can be met via 200-, 300- or 400- level courses.

## Distribution areas

(If in doubt, consult with an adviser)

1) Ancient and Medieval (including Egyptian, Greek, Roman)
2) Renaissance and Baroque (including 18th Century and Colonial Latin American)
3) Modern: $18^{\text {th }}, 19^{\text {th }}, 20^{\text {th }}$, and $21^{\text {st }}$ century (including Modern Latin American)
4) Islamic, Asian (including Indian, Chinese and Japanese) and African

## ARTH 30000 Research Methods

## ARTH 30000 - Research Methods of Art History Seminar (W)

## GER

3/A

Training in fundamental methods of learning and writing about works of art through visual analysis and art-historical research, focusing on a particular area in art history, and culminating in a substantial academic research paper.
prereq: ARTH 11100 and one 200-level art history course
3 hrs
3 cr .

At least one Advanced Studies Seminar (41000-48000 level) 3 cr.

## ARTLA 3 cr.

## ARTLA 10100 - Introduction to Study of Visual Experience

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio
Please note: ARTLA 10100, or any studio course taken for the Studio Art 24cr major, cannot count toward both the Studio Art (24cr) major and the Art History major. To replace the ARTLA 10100 requirement, Art History majors double-majoring in Studio Art (24cr) must choose a replacement course in consultation with the Art History adviser. The replacement course may be a Studio Course (ARTCR), an Art History course (ARTH), or a cognate in another department, such as Classics, Religion, or History.

## 3 additional courses 9 cr .

3 additional courses, from any of the department offerings in art history at the 200, 300 or 400 level
Total 33 cr .

## Notes:

only grades of C and above can be counted toward the Art History major

## Graduate Study

The Department of Art and Art History offers a number of courses, listed in the Graduate Catalog http://catalog.hunter.cuny.edu/index.php?catoid=22, that may be credited toward the degree of bachelor of arts. Qualified undergraduate art history students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

## Minor in Art History

A minor in art history is also available consisting of 12 credits as follows: ARTH 11100 Introduction to the History of Art, followed by 9 credits selected from the other department offerings. No more than 6 credits transferred from another institution may be applied to the minor.

## Honors

Art History Major students wishing to graduate with honors must consult an adviser to make an official application for consideration by the faculty members on the Undergraduate Art History Committee on Honors. Application forms are in the Art and Art History office, Room 11054 Hunter North. Major credits must have been completed with a 3.7 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit a research paper written for Research Methods of Art History ARTH 30000 or an Advanced Studies Seminar ARTH 41000-ARTH 48000 with instructor's comments, edits, and grade, to the department's Undergraduate

Art History Committee on Honors. The paper must have received a minimum grade of A-. Papers written for other art history courses may be considered if they conform to the requirements for an Advanced Studies Seminar; consult with an adviser. The committee will review the complete application to determine if the student merits departmental honors.

## Minor in Art History

The Art History minor requires students to take 12 credits in Art History as follows: ARTH 11100 - Introduction to History of Art, followed by 9 credits selected from the other department offerings. No more than 6 credits transferred from another institution may be applied to the minor.

## Studio Art - BA

- Studio Art 24-Credit Major (BA)
- Studio Art 42-Credit Major (BA)


## Electives

All courses, unless otherwise specified, are open to qualified students majoring in other areas.

## Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

## ARTCR 36000-Special Projects

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches: Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: \$50
prereq: See department
3 hrs
3 cr . +5 hrs open studio

## ARTCR 40200 - Independent Study in Studio Art

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

## Graduate Study

The Department of Art offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of arts. Qualified students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

## Studio Art - BFA

This degree is open to the student who wants to complete work in studio art beyond the 42-credit major and particularly the student who intends to pursue a career as a professional artist and attend graduate school. Students follow the regular Appendix I: Hunter Core Requirement for the BA degree. Departmental approval of the 61-credit BFA concentration is required. Students who have successfully completed 90 credits may apply to the BFA program, pending an interview with the BFA adviser. Students are required to maintain a GPA of 3.0 in this program. Required courses are as follows:

## Hunter Core Requirement

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

Major-61-cr.

## Year 16 cr

## ARTLA 10100 - Introduction to Study of Visual Experience

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio

```
ARTCR 22100 - Drawing
Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \$50
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio
```


## ARTH 11100 - Introduction to History of Art

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/D
```

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
$3 \mathrm{cr} . \mathrm{cr}$

## Year 212 cr

four of the following six courses or 3 of the following 6 courses plus one 300 -level course:

## ARTCR 22500 - Graphic Arts Workshop

Techniques of woodcut, intaglio, lithography, silkscreen and related media.
Material Fee: $\$ 75$
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 23500 - Painting

Basic principles of painting. Studio practice using varied paint media, varied paint surfaces, paper and canvas. Material Fee: \$100
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 25100-Sculpture

Basic principles of sculpture. Studio practice in varied materials.
Material Fee: \$65
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 25700 - Ceramics

Introduction to pottery and ceramic sculpture, including hand forming, throwing on the wheel, glazing and kiln operation.
Material Fee: \$85
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
3 cr . +5 hrs open studio

## ARTCR 27100 - Principles of Photography

Black and white photography as creative medium; camera and its functions; exposure and film development, contact printing and enlarging.
Material Fee: \$75
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
$3 \mathrm{cr} .+6 \mathrm{hrs}$ open studio

## ARTCR 29000 - Combined Media

An introduction to basic technologies, methods and ideas that result in ways of making art that mix and combine media. The course will emphasize the production of moving images, sounds, performance as well as still images and objects.

```
4 hrs + 5 hrs open studio
cr.
```


## Year 3

## At least one area of concentration with two 300 -level courses repeated in any one of the following: 6 cr

## ARTCR 32200 - Advanced Drawing

Continued experience in drawing with emphasis on drawing from life.
Material Fee: $\$ 50$
prereq: ARTC 22100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 32600 - Advanced Graphic Arts Workshop

Advanced study of one or more graphic art methods. Individual exploration emphasized.
Material Fee: $\$ 75$
prereq: ARTCR 22500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
$2 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 33600 - Advanced Painting

Continued experience in painting with possible concentration upon one medium and theme. Individual exploration emphasized.
Material Fee: $\$ 100$
prereq: ARTCR 23500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 35200 - Advanced Sculpture

Continued experience in sculpture with possible concentration in one material. Individual exploration emphasized. Material Fee: $\$ 65$
prereq: ARTC 25100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5$ hrs open studio

## ARTCR 35700 - Advanced Ceramics

Continued experimentation in form, surface and techniques. Individual exploration emphasized.
Material Fee: $\$ 85$
prereq: ARTC 25700
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 37200 - Advanced Photography

Techniques and aesthetics of black and white photography; self-expression and exploration; classroom critiques.
Material Fee: \$75
prereq: ARTC 27100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
$3 \mathrm{cr} .+6$ hrs open studio

## ARTCR 39000 - Combined Media

Continued experience in combined media with possible concentration in one approach and/or method. Individual exploration will be emphasized. May be repeated once (i.e., taken twice).
4 hrs +5 hrs open studio
3 cr .
Additional studio art requirements: 6 cr

- Courses chosen from all other 200- and 300-level studio art courses. Special-topic advanced studio courses will also be offered each semester for advanced art students; however they do not count toward the major concentration.

Art history requirements: 15 cr

To be completed by the end of year three.

## ARTH 11100 - Introduction to History of Art

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D

GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr. cr

## ARTH 24900 - Twentieth-Century Art I

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A <br> Western art to World War II. <br> prereq: ARTH 11100 <br> 3 hrs <br> 3 cr .

## ARTH 25000 - Twentieth-Century Art II

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A <br> Western art from World War II to approximately 1980. <br> prereq: ARTH 11100 <br> 3 hrs <br> 3 cr .

- and six to nine additional credits chosen from 200- and 300-level courses.


## ARTH 25100 - Contemporary Art

## GER

3/B

Significant international artists and art works of the past twenty years, as well as recent developments in art theory and criticism.
prereq: ARTH 11100
3 hrs
3 cr .
Year 416 cr

## ARTCR 40500 - Art and Current Ideas II

Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions.
Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the
exhibitions.
ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: BFA students or perm dept.
3 hrs
3 cr.

## ARTCR 45900 - Professional Experience in Art I

BFA majors, seniors only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department.
Material Fee: \$50
prereq: perm BFA committee at end of junior yr.
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
$3 \mathrm{hrs}+15 \mathrm{hrs}$ open studio
6.5 cr .

## ARTCR 46000 - Professional Experience in Art II

Continuation of ARTC 45900.
Material Fee: $\$ 50$
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
$3 \mathrm{hrs}+15$ hrs open studio
6.5 cr .

## Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

## ARTCR 36000 - Special Projects

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches:
Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: $\$ 50$
prereq: See department
3 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## ARTCR 40200 - Independent Study in Studio Art

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

## Graduate Study

The Department of Art offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of fine arts. Qualified students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

## Studio Art 24-Credit Major (BA)

## Return to Programs and Courses in Art

The 24-Credit Major (BA) is recommended to the student interested in a liberal arts education, particularly those interested in double majoring in Art History, or in other majors in the college. It consists of eight courses in the major subject, normally one 3-credit course per semester, beginning with ARTLA 10100, followed by ARTCR 22100, and an additional 18 credits selected from 20000- and 30000-level ARTCR courses. Repeated and additional courses cannot count towards the BA degree.

## The 24-credit major in creative art consists of eight courses:

## Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit 35 mm slides of an advanced studio project or independent study course.

## Foundational Courses (6 credits)

## ARTLA 10100 - Introduction to Study of Visual Experience

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio

## ARTCR 22100 - Drawing

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: $\$ 50$
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## Studio Art Courses (18 credits)

6 courses selected from ARTCR 20000 and 30000 level courses.

## Studio Art 42-Credit Major (BA)

The 42-credit Major (BA) is an intensive major recommended for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art. It consists of ARTLA 10100 and ARTCR 22100, with a concentration of 9 credits in one study area (e.g., painting, sculpture, drawing, graphics, ceramics, photography, combined media) and 18 credits of other studio art courses to be determined in consultation with a departmental adviser. Nine credits of study in art history are required. Students in the 42 -cr Studio Art major may not double major in Art History, but they may minor in Art History, by taking any 4 classes (12cr) in addition to the 3 classes ( 9 cr ) required for the Studio Art 42cr major. No more than 30 credits of ARTCR can be counted toward the 120 credit BA degree, whether in the major or as college electives.

Students should consult with a department adviser for guidance in the selection of 200-level courses. The plan for the area of concentration should be submitted to an adviser for tentative approval at the beginning of the junior year and for final approval in the lower senior term.

Please note: A maximum of 30 ARTCR credits may be applied toward the BA degree.

## The 42-credit major in creative art consists of fourteen courses

## Foundational Courses (6 credits) - 6 cr.

## ARTLA 10100 - Introduction to Study of Visual Experience

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio

## ARTCR 22100 - Drawing

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \$50
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

## Concentration Courses (9 credits)

3 courses in one study area
(e.g., painting, sculpture, drawing, graphics, ceramics, photography or combined media)

Example Concentration: Painting - ARTCR 23500, ARTCR 33600, ARTCR 33600
Advanced level courses may be repeated once with two different instructors.
Please note: ARTCR 360xx (special topic courses) cannot be used towards the concentration.
Art History (9 credits)

3 courses of ARTH

## Studio Art Courses (18 credits):

6 other studio art courses, selected from 200 and 300 level to be determined in consultation with adviser.
Please note: ARTLA 36018 may be substituted for an ARTCR course with permission of the adviser.)

## Total for Major: 42 credits

## Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

## ARTCR 36000 - Special Projects

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches: Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts Material Fee: \$50
prereq: See department
3 hrs
3 cr. +5 hrs open studio

## ARTCR 40200 - Independent Study in Studio Art

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

## Note:

All ARTCR courses, unless otherwise specified, are open to qualified students majoring in other areas with instructor permission.

## Asian American Studies

## About the Program

The Asian American Studies Program (AASP) was established on the initiative of students and faculty in 1993. The AASP is an interdisciplinary program and offers a range of courses on the history and contemporary experiences of Asian immigrants to the Americas, with close attention paid to how Asian immigrants are an integral part of the history of the United States, continuously redefining American culture and reconstituting American society.

The AASP is located in a global city, with unmatched cultural and intellectual resources and diverse and dynamic Asian populations: our faculty and students actively contribute to scholarship and advocacy in the field of Asian American studies as engaged members of New York City's diverse Asian American communities and communitybased organizations. Our courses are discussion-driven and firmly rooted in the belief that linkages between theory and practice must always be maintained; as a result, our program works actively to be a bridge between the Hunter College campus community and the city and nation's rapidly expanding APA populations.

The program draws its faculty and course offerings from traditional disciplines such as history, sociology, anthropology, political science, education and literature, as well as interdisciplinary fields such as American ethnic studies; women, gender, and sexuality studies; postcolonial studies; international human rights; and policy studies. The AASP grounds its curriculum in the firm belief that a rigorous intersectional approach to Asian American studies necessitates an alliance of these areas and methods of study.

## Programs and Courses

Programs and Courses in Asian American Studies

# Administration and Faculty 

## Department Office:

1338 Hunter West
(212) 772-5660

Web site: http://www.hunter.cuny.edu/aasp

## Director:

Jennifer Hayashida
1338 Hunter West
(212) 772-5660
jennifer.hayashida@hunter.cuny.edu

## Faculty

Asian American Studies Faculty

## Minor in Asian American Studies

The interdisciplinary Asian American Studies Minor provides students with focused competence in the histories and contemporary experiences of diverse Asian diasporic communities, including but not limited to those of North America. As one of only a few Asian American Studies programs in the tri-state area, the AASP offers its Minors a unique opportunity to gain the knowledge and skills necessary to make meaningful contributions to the city and nation's growing APA communities.

A Minor consists of a minimum of 12 credits and can be made up of any courses offered by-or cross-listed with-the Asian American Studies Program, excluding ASIAN 360.02 (East Asia to 1600) and ASIAN 360.03 (China since 1800). No more than 6 Minor credits may be transferred from another institution. Please note that a number of 300level courses in Asian American Studies may be used to satisfy requirements in the ENGL, POLSC, and WGS majors: see individual courses for details.

## Biological Sciences


#### Abstract

About the Department

The Department of Biological Sciences at Hunter College stresses excellence in both teaching and research. Fully equipped research laboratories are supported by major federal grants and students are strongly encouraged to become involved in laboratory research. State-of-the-art flow cytometry and bioimaging facilities are housed within the department. They have been created and are funded by federal grants, New York State and the Center for Basic and Translational Research. The Center consists of faculty from the departments of Biological Sciences, Chemistry, Physics and Psychology working in the areas of biomolecular structure and function.

The core curriculum in biological sciences prepares students for admission to both graduate and medical schools and for careers in the biological sciences, including teaching and the growing industry of biotechnology. The curriculum emphasizes cell biology, molecular biology, developmental biology, genetics and neurobiology as the foundation for future careers in fields related to the biological sciences.


## Career Planning

Career Planning

## Programs and Courses

Programs and Courses in Biological Sciences

## Administration and Faculty

Department Office:

HN-927
(212) 772-5293

Web site:http://biology.hunter.cuny.edu/

## Chair:

## Derrick Brazill

HN-803 A
(212) 650-3144

E-mail: brazill@genectr.hunter.cuny.edu

## Faculty

Biological Sciences Faculty
HEGIS Codes: 0401 (BA); 0499 (BA/MA in Biotechnology); 0401/1299 (BA/MA in Environmental \& Occupational Health); 1223.01/0401 (BS/MA in Biotechnology)

## Biological Sciences

## Return to: Biological Sciences-BA

The major in Biological Sciences has the following Concentrations:

- Basic (shown below)

Three other concentrations that are slightly more rigorous than the basic major. Interested students should speak with a biology adviser as soon as possible to plan their courses accordingly.

- Behavioral Neurobiology
- Bioinformatics
- Biophysics


## Foundational Courses

Foundational Courses for the Biology Major (all concentrations) must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs
4 cr .

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major

The basic major is for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue the biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology. Declared majors are assigned a permanent faculty advisor who will assist in individual curriculum planning. Students are required to meet with their advisor at least once each semester throughout their undergraduate career to discuss their program and progress.

## A. Introductory Biology (9 cr.)

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

# BIOL 10200 (STEM) - Principles of Biology II 

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{C}$ or D<br>GER<br>2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## B. 200-level and higher Concentration in Biology ( 24.5 cr .)

## 1. Required Courses ( 13.5 cr .)

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 30000 - Biological Chemistry

## GER

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

## 2. Electives (11 credits)

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000.

Together, introductory biology and the concentration ( 33.5 cr .) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

Additional science and math requirements for the major:

- CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), CHEM 22200, CHEM 22300, CHEM 22400
- PHYS 11000 (STEM), PHYS 12000 (STEM) (or PHYS 11100 (STEM), PHYS 12100 (STEM))
- MATH 15000 (STEM); MATH 15500 (STEM) or STAT 21300 (STEM)

Allied courses credits required: 37.5-44.5, including MATH 12500 (STEM) or placement test.

## Curriculum Guide for Biology Major

## Year 1

Fall

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec$)$
4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.
Spring
BIOL 10000 (STEM) - Principles of Biology I

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
```

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## Year 2

Fall

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22300-Organic Chemistry Laboratory I

## GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

## Spring

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

* or


## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.

3 hrs
3 cr .

## CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
Year 3

Fall

BIOL 30000 - Biological Chemistry

## GER

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## GER

2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

```
Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E
```

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

- 30000-level BIOL electives

Spring

## BIOL 30300-Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1 . Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

## PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

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Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
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Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

- 30000/40000-level BIOL electives


## Year 4

## Fall

- 30000 and $40000-$ level BIOL electives


## Spring

- 30000 and $40000-$ level BIOL electives


## Note(s)

*We recommend that math, physics and chemistry courses be completed as early as the student's schedule allows. Note that CHEM 22200 and CHEM 22300 must be taken prior to BIOL 30000; otherwise, instructor permission is required. Students who are behind in the chemistry sequence are urged to take advantage of the summer session, during which these chemistry courses are usually offered.

## Biological Sciences - BA

The Department of Biological Sciences offers a single major for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. This Major is equivalent to and replaces the Major I program from previous years. Students planning to pursue a Biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology.

Declared majors are assigned a permanent faculty adviser who will assist in individual curriculum planning. Students are required to meet with their adviser at least once each semester throughout their undergraduate career to discuss their program and progress.

- Biological Sciences


## CR/NC Policy

Only a letter grade (A, B, C, D, including + or - ) will be accepted by the department in the required science and mathematics courses for the biology major.

## Minor for other Majors

The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests. In order to minor in Biological Sciences a student must pass four courses resulting in a minor GPA of 2.0 or higher. All students who want a Minor in Biological Sciences must take:

- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 20000 level or higher Number of Credits: A minimum of 12 credits. Transfer credits may be applied. At least 2 courses must be taken at Hunter College.


## Opportunities for Undergraduates in Biological Sciences

Undergraduate Research Students who wish to undertake a research project under the supervision of a faculty member must first obtain written permission from that faculty member and then register for BIOL 48000. Research opportunities for undergraduates at Hunter are available in cell and molecular biology, developmental biology, neuroscience, cancer biology, AIDS, microbiology and a variety of other contemporary areas. In some cases students may be permitted to work at one of the several neighboring research institutions. Synopses of faculty research interests can be obtained in the department office or from the Department of Biological Sciences Web site http://Biology.hunter.cuny.edu). In addition, there are summer research opportunities available at Cold Spring Harbor Laboratory and Woods Hole Research Center through the Howard Hughes Medical Institute. Please note that, to qualify for departmental honors at graduation, there is a research requirement.

## Honors Work

In order to qualify for departmental honors, students must have a departmental GPA of at least 3.5 and an overall GPA of at least 3.0. They must also satisfy a research requirement consisting of either:

## (a) at least 2 research credits of

## BIOL 48000 - Introduction to Experimental Biology

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.
prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.

## BIOL 48100 - Introduction to Experimental Biology

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg. TBA
1-2 credits per semester

## BIOL 48200 - Introduction to Experimental biology

## GER

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg. TBA
1-2 credits per semester

## BIOL 48300 - Introduction to Experimental Biology

## GER

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
hrs TBA
1-2 cr. per sem.

## or (b) at least one course chosen from among

## BIOL 39000 - Laboratory in Cell Structure

## GER

3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr .
fall only

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle.
Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultra-structures using a transmission electron microscope.
prereq or coreq: Instructor Permission
7 hrs.
4 cr.
spring only

- BIOL 61000 Workshop in Biotechnology


## Additional Information

The research requirement includes a written report resulting from work in any of these courses.

## Accelerated Bachelor's/Master's Programs in Biological Sciences

## BA/MA Program in Biological Sciences and Adolescent Education: Biology

This is an accelerated program leading to a BA in Biological Sciences and an MA in Adolescent Education: Biology. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the MA degree one year after they complete the requirements for the BA degree. Interested students should contact a Biology Department adviser early in their undergraduate career.

## BA/MA Program with Specialization in Biotechnology

In this five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic research, or public health. Successful completion of the biotechnology workshop, BIOL 61000, an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.

## BA/MS Program in Biological Sciences/Environmental and Occupational Health Sciences

This is an accelerated program leading to a BA in biology and an MS in environmental and occupational health sciences in five years. Biology majors admitted to the program start graduate work in their senior year. Interested students should contact a departmental adviser early in their undergraduate studies, as well as the office of the Director of the Environmental and Occupational Health Sciences Program at the CUNY School of Public Health at Hunter College. The program provides biology majors with a career option in public health.

## BS/MA Program in Medical Laboratory Sciences and Biotechnology

[^11]prior to graduation and upon successful completion, students may continue with professional internship and the MA program, allowing MLS graduates to complete the degree at an accelerated pace.

MA Program in Biological Sciences

See Career Planning-Graduate Study.

## Biological Sciences with Specialization in Biotechnology Accelerated BA/MA


#### Abstract

In this five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic research, or public health. Successful completion of the biotechnology workshop (BIOL 61000 see graduate catalog), an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.


## Biological Sciences/Environmental and Occupational Health Sciences - Accelerated BA/MS

This is an accelerated program leading to a BA in biology and an MS in environmental and occupational health sciences in five years. Biology majors admitted to the program start graduate work in their senior year. Interested students should contact a departmental adviser early in their undergraduate studies, as well as the office of the director of the Environmental and Occupational Health Sciences Program at the CUNY School of Public Health at Hunter College. The program provides biology majors with a career option in public health.

## Biological Sciences: Concentration in Behavioral Neurobiology

## Return to: Biological Sciences

The concentration in Behavioral Neurobiology within the Department of Biological Sciences, one of the options for Major I, has the following required courses and schedule.

## Required Courses

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 30000-Biological Chemistry

## GER

3/B
Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

PSYCH 25000 - Experimental Psychology: General

GER
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the
principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

## PSYCH 24800 - Statistical Methods in Psychological Research

## GER

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

## BIOL 47000 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem

## BIOL 47100 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

## Electives

9 credits, 6 of which must be PSYCH

## PSYCH 30100 - Sensation and Perception (B; C)

GER
3/B

Open to declared majors only. Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/B

Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr.

## PSYCH 32700 - Motivation and Emotion (B; C)

GER
3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 36900 - Behavioral Pharmacology (B)

## GER

3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.
prereq: ENGL 12000,. PSYCH 24900 or 25000, PSYCH 30000 or perm instr.
3 hrs
3 cr.

## BIOL 37000 - Physiology of the Nervous System

## GER

3/B
A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr .
spring only

## BIOL 37600 - Endocrinology

GER
3/B
Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr .
spring only

## BIOL 38000 - Molecular Neurobiology

## GER

3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

Total: 72.5 Credits

## Curriculum common to Behavioral Neurobiology Students (Biology/Psychology)

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $\$ 5$
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)

## GER

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## PSYCH 10000 - Introduction to Psychology

## GER

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .
MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
$4 c r$.

## PSYCH 25000 - Experimental Psychology: General

GER
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

- Biology BN elective
- Psychology BN elective
- Independent Research
- Behavioral Neurobology Seminar*
* This interdisciplinary course will serve as a discussion group for research articles of current interest to the Neuroscience community; as a venue for student research presentations and as a venue at which visiting may meet informally with Neuroscience undergraduates.


## Schedule

A typical timetable for graduation is presented below.

## Fall (Year 1)

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.

4 hrs
$4 c r$.

## Spring (Year 1)

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

## PSYCH 10000 - Introduction to Psychology

## GER

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

## Fall (Year 2)

## BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core <br> Scientific World (SW); Life and Physical Sciences (LPS) <br> Pluralism and Diversity <br> $\mathrm{PD} / \mathrm{C}$ or D <br> GER <br> 2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## Spring (Year 2)

## CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

# PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics 

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## Fall (Year 3)

## BIOL 30000 - Biological Chemistry

## GER

3/B
Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $\$ 10$
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

## PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B
Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

## Writing Intensive

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
$4 c r$.

## Spring (Year 3)

## BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1 . Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and
intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

## PSYCH 25000 - Experimental Psychology: General

GER
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

## BIOL 47000 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

## Fall (Year 4)

## BIOL 38000 - Molecular Neurobiology

## GER

3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr .
fall only

## BIOL 37600 - Endocrinology

## GER

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

## PSYCH 30100 - Sensation and Perception (B; C)

## GER

3/B

Open to declared majors only. Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)

Pluralism and Diversity
PD/C
GER
3/B
Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

## Sub-total 63.5

## Electives 9

Total credits required 72.5

## Biological Sciences: Concentration in Bioinformatics

Return to: Biological Sciences

The requirements and schedule for the Concentration in Bioinformatics, one of the options in Biological Sciences Major I, are as follows:

## Required Courses

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only
BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $\$ 10$
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)

## GER

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>GER 2/E<br>Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.<br>Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.

```
prereq: CHEM 10200
```

coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## STAT 21200 - Discrete Probability

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
$3 c r$.

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra. prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## Electives (10 credits)

## ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

## CHEM 38800 - Topics of Current Interest in Chemistry

## Pluralism and Diversity <br> GER 3/B <br> Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.

3 hrs
3 cr .

## BIOL 42500 - Computational Molecular Biology

## GER

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

## BIOL 47100 - Special Topics in Biology

GER
3/B
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

## Total Credits (72 to 74 credits)

## Schedule

A typical timetable for graduation is presented below.

## Fall (Year 1) 11.5 credits

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{C}$ or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## Spring (Year 1) 14.5 credits

## BIOL 10200 (STEM) - Principles of Biology II

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## CHEM 10400 (STEM) - General Chemistry II

Hunter Core<br>Life and Physical Sciences (LPS) Scientific World (SW)<br>GER<br>2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
```


## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.
Fall (Year 2) 12 credits

## CHEM 22200-Organic Chemistry Lecture I

```
GER
GER 3/B
```

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

Spring (Year 2) 7.5 credits

## CHEM 22400-Organic Chemistry Lecture II

```
GER
GER 3/B
```

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## Fall (Year 3) 10.5 credits

## BIOL 30000 - Biological Chemistry

## GER

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $\$ 10$
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

## STAT 21200 - Discrete Probability

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
$3 c r$.

## Spring (Year 3) 6 credits

## CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .
Fall (Year 4) 5 credits

- BIOL 3XX


## BIOL 47100 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

## Spring (Year 4) 5 credits

## ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500

3 hrs
3 cr .

BIOL 47100 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

## Biological Sciences: Concentration in Biophysics

Return to: Biological Sciences
The requirements and timetable for graduation for the Concentration in Biophysics, one of the options in the Biological Sciences Major I, are as follows:

## Required Courses

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 30000 - Biological Chemistry

## GER

3/B
Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core <br> Life and Physical Sciences (LPS) Scientific World (SW) <br> GER <br> 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10600 (STEM) - General Chemistry Laboratory

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
```


## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

```
prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4cr.
```


## CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.

## PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E
For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100

```
prereq or coreq: (with perm dept.): MATH 15500
```

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr .

## PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr.

## PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr .

## Electives (any 2)

## BIOL 39000 - Laboratory in Cell Structure

## GER

3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr .
fall only

## BIOL 47000 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem

## MATH 25400-Ordinary Differential Equations

## GER

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr

## Total Credits (77.5 to 79.5 credits)

## Schedule

A typical timetable for graduation is presented below.
Fall (Year 1) 11.5 credits

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## Spring (Year 1) 14.5 credits

## BIOL 10200 (STEM) - Principles of Biology II

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## CHEM 10400 (STEM) - General Chemistry II

Hunter Core<br>Life and Physical Sciences (LPS) Scientific World (SW)<br>GER<br>2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr .

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## Fall (Year 2) 13 credits

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

4 cr.

# PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound 

```
Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E
For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.
```

Spring (Year 2) 12.5 credits
CHEM 22400-Organic Chemistry Lecture II
GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .
MATH 25000 - Calculus with Analytic Geometry III
GER
3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500
4 hrs
4 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

Fall (Year 3) 8.5 credits

## BIOL 30000 - Biological Chemistry

## GER

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

## PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
$4 c r$.

Spring (Year 3) 8.5 credits

## PHYS 33600-Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr.
Fall (Year 4) 4 credits

## PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
$4 c r$.

## Spring (Year 4) 5 credits

BIOL 39000 - Laboratory in Cell Structure

## GER

3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr .
fall only

## BIOL 47000 - Special Topics in Biology

## GER

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

## Human Biology - BA

Human Biology is a multidisciplinary major that provides students with a curriculum that emphasizes the analysis of humanity in a holistic framework that includes behavioral, cultural, social, and biological approaches. This major will guide students towards an integrated view of humans and our biology through a wide array of courses from departments including Anthropology, Biological Sciences, Psychology, Sociology, and Urban Public Health.

The Human Biology major curriculum is built on a core foundation of courses in biology, anthropology, and statistics. Students will then choose one of the following three specialized tracks: Track I. Body, Mind, and Health, which emphasizes biological knowledge within the context of human biology, with coursework that addresses how social factors have an impact on humans and human health; Track II. Human Evolution and Variation, which emphasizes humans as an evolved species that is part of the natural world, with coursework focusing on physical anthropology; and Track III. Human Organizations, which emphasizes social phenomena, with coursework from multiple social science disciplines. Finally, students will complete a capstone course in human biology (HMBIO 40100), where they will analyze some of the key contemporary topics and issues in human biology from multiple vantage points.

The knowledge and skills obtained by Human Biology majors will prepare students well for a range of future careers and educational paths, including graduate school in the sciences or social sciences; medical, public health, and allied health graduate training (possibly requiring additional course work); and careers in natural or social sciences research or related fields.

## Declaring the Human Biology Major:

Students will be required to meet a GPA requirement of 2.5 in this Core Sequence to declare the major. Transfer students will be required to take ANTHP 10500 and receive a C or better to declare the major.

## A. Core Requirements

## 1. Introductory Course in the Major

## ANTHP 10500 - The Human Species

Hunter Core<br>Life and Physical Sciences (LPS)<br>GER<br>2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution
3 hrs
3 cr .

## 2. Choose One Biology Sequence

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{C}$ or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core <br> Scientific World (SW); Life and Physical Sciences (LPS) <br> Pluralism and Diversity <br> PD/C or D <br> GER <br> 2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## - OR-

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

## BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
spring only

## CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

## Hunter Core

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

```
prereq: CHEM 10000
```

4 hrs (3 lec, 1 rec)
3 cr.

## CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>GER 2/E

Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

## 3. Choose One Statistics course

## STAT 11300 - Elementary Probability and Statistics

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## MATH 12500 (STEM) - Precalculus

## Hunter Core <br> Math/Quantitative Reasoning <br> GER

1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .
(or appropriate score on placement exam)

* if not taken in Biology Sequence 1


## B. One the Following Three Tracks

Choose ONE of the following THREE Tracks and complete 18 credits of coursework within that track ( 9 of the 18 credits must be at the $300+$ level. The 18 credits must come from more than one department)

## Track I: Body, Mind, \& Health

## ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

## ANTHP 30500 - Evolution of the Human Skeleton

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
3 hrs .
3 cr.

## ANTHP 30600 - Human Anatomy

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL102 (Principles of Biology 2) or BIOL 12200 (Anatomy \& Physiology 2).
3 hrs .
3 cr .

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

## BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## GER

GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

## BIOL 22000 - Topics in Genetics and Evolution

## GER

3/B

Introduction to chromosome structure, mitosis and meiosis. Principles of Mendelian segregation. Linkage and eukaryotic gene mapping. Genetic analysis of mutations, and their use in genetic screens for gene discovery and pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution.
prereq: BIOL 10000 or equiv.
3 hrs
3 cr.
spring only

GER
3/B

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.
prereq or coreq: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr
3 hrs
3 cr .
fall only

## BIOL 30400 - Environmental Microbiology

## GER

3/B

Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.
prereq: BIOL 10000, 10200, 20000 or perm instr.
3 hrs
3 cr .

## BIOL 37600 - Endocrinology

## GER

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

## COMHE 30300 - Social Structure and Health (W)

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

## COMHE 30600-Social Disparities in Health

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.
prereq: acceptance to the COMHE major or permission of the instructor.

3 hrs
3 cr .

## COMHE 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

## COMHE 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr.

## COMHE 40500 - Health Care Systems and Health Policy

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.
prereq: Acceptance to the COMHE major or permission of the instructor.
3 hrs
3 cr .

## NFS 13100 - Food Science I

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr .

## NFS 14100 - Nutrition

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .

## NFS 33200-Cultural Aspects of Food and Nutrition

Study of the way in which cultural, social and technological factors influence food behavior and dietary patterns. Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ANTHP 10100, SOC 101))

3 hrs
3 cr .

## PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

## GER

3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PSYCH 10000 - Introduction to Psychology

## GER

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .

## PSYCH 18000-Brain and Behavior

## GER

2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr.

## PSYCH 21000 - Child Development (D/S)

## GER

3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## WGSP 25100 - Women and Health

## Pluralism and Diversity

PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed HED 20100
3 hrs
3 cr .

## Track II: Human Evolution and Variation

## ANTHP 10100 (STEM) - Human Evolution

## Hunter Core <br> Life and Physical Sciences (LPS) Scientific World (SW) <br> GER <br> 2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

## ANTHP 21000 - Biology of the Living Primates

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective.
3 hrs
3 cr .

## ANTHP 30100 - Human Fossil Record

## Pluralism and Diversity

PD/C
GER

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record. prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

## ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

## ANTHP 30500 - Evolution of the Human Skeleton

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.

> prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
> 3 hrs .
> 3 cr .

## ANTHP 30600 - Human Anatomy

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL102 (Principles of Biology 2) or

BIOL 12200 (Anatomy \& Physiology 2).
3 hrs .
3 cr .

## ANTHP 31000 - Primate Ecology and Behavior

## GER

3/B
Examination of ecological factors responsible for the distribution and behavior of living primate species.
prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
$3 c r$.

## ANTHP 31100 - Primate Evolution

## GER

3/B
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

## ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
3 cr .

## ANTHP 31600 - Human Evolutionary Adaptations

GER
3/B
How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

## ANTHP 31800 - Primate Nutritional Ecology

This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates
3 hrs.
3 cr .

## BIOL 12500 (STEM) - Human Biology

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## GER

2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

## BIOL 22000 - Topics in Genetics and Evolution

## GER

3/B
Introduction to chromosome structure, mitosis and meiosis. Principles of Mendelian segregation. Linkage and eukaryotic gene mapping. Genetic analysis of mutations, and their use in genetic screens for gene discovery and pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution. prereq: BIOL 10000 or equiv.
3 hrs
3 cr .
spring only

## BIOL 32200 - Evolution

## GER

3/B
Modern synthetic theory, genetic basis of variation, gene pool in populations.
prereq: BIOL 30000
3 hrs (lec)
3 cr.
not offered 2015-16

## PSYCH 16000 - Evolution and Behavior

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

## PSYCH 22500 - Ethology: Animal Behavior (B)

## GER

3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## Track III: Human Organizations

## ANTHC 10100 - Introduction to Cultural Anthropology

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

## ANTHC 12600 - Introduction to Prehistoric Archaeology

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B
```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

```
Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
cr.
```


## ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 30100-Gender in Anthropological Perspective

## Pluralism and Diversity

PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 30800 - Human Ecology

Pluralism and Diversity
PD/A
GER
3/B

Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 30900 - Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 31200 - Anthropological Approaches to Sexuality

```
Pluralism and Diversity
PD/C
GER
3/B
```

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.
prereq: ANTHC 10100
3 hrs
3 cr .

## ANTHC 31500-Applied Anthropology

## GER

3/B`

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

## ANTHC 32700 - Prehistoric Cultural Ecology

## GER

3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr .

## GEOG 24100 - Population Geography

```
Pluralism and Diversity
PD/B or C
GER
3/B
```

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

## PSYCH 17000 - Psychology of Human Sexuality

## Pluralism and Diversity

PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .
PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
3 cr .

## PSYCH 23000 - Social Psychology (D/S)

## GER

3/B
Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## SOC 10100 - Introduction to Sociology

## Hunter Core <br> Individual and Society (Social Sciences) -I\&S SS <br> GER <br> 2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

## SOC 20100-The Family

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr .
SOC 21700-Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .
SOC 25100 - Interpersonal Behavior

GER
3/B
Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3 cr .
SOC 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C

GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr.

## SOC 30100 - Medical Sociology

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr .

## SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .

## SOC 31100 - Population Dynamics

## GER

3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .
SOC 31700 - Class, Status, and Power

GER
3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 36100 - Development and Modernization (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

## C. Human Biology Senior Capstone

## HMBIO 40100 - Human Biology Senior Capstone

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points. prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.
3 hrs
3 cr .

## Optional Courses

## HMBIO 40200 - Independent Study

Research project directed by a Human Biology Program participating faculty member. prereq: Permission of the Human Biology Program Director. Human Biology majors only. 1-3 hrs
1-3cr.

## HMBIO 40300 - Internship

Opportunity to participate in an internship in institutions related to the Human Biology major. prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1-3 hrs
1-3cr.
These do not count towards the credits listed above.

## Honors Requirements

Complete HMBIO 40200 Independent Study) (3 Credits) or HMBIO 40300 Internship (3 Credits) AND
Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.

# Medical Laboratory Sciences/Biological Sciences with Specialization in Biotechnology - BS/MA 

Return to: Medical Laboratory Sciences<br>Qualified Hunter College seniors majoring in medical lab sciences in the School of Arts \& Sciences may apply to the new BS/MA collaboration between the Department of Medical Laboratory Sciences and the Department of Biology. An intensive techniques workshop (BIOL 61000-see graduate catalog) is taken prior to graduation and upon successful completion, students may continue with professional internship, and the accelerated MA program.

## Minor in Biological Sciences

The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests. In order to minor in Biological Sciences a student must pass four courses resulting in a minor GPA of 2.0 or higher. All students who want a Minor in Biological Sciences must take:

- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 200 level or higher Number of Credits: A minimum of 12 credits. Transfer credits may be applied. At least 2 courses must be taken at Hunter College.


## Chemistry

## About the Department

The Department of Chemistry offers courses to prepare the science major for professional work and further study in chemistry and other fields of pure and applied science. Courses for the non-science major are designed to present those essentials of chemical fact and theory which will contribute to the student's understanding of present-day scientific knowledge.

## Programs and Course

Program and Courses in Chemistry

## Administration and Faculty

Department Office:
1307 North
(212) 772-5330
chem@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/chemistry

Mirela Settenhofer- Assistant to chair
msettenh@hunter.cuny.edu

Shontel Houston- Administrative coordinator
shousto@hunter.cuny.edu

## Chair:

## Charles Michael Drain

1408 North
cdrain@hunter.cuny.edu

## Faculty

Chemistry Faculty

## HEGIS Code: 1905

## Chemistry - BA

## Major

There are two chemistry majors: Major I, a 43-credit concentration in addition to an 11-credit general chemistry core, is designed to prepare the students with intensive training for professional research and graduate study. Major II consists of three options: Option 1 for students interested in the chemical industry; Option 2 (the biochemistry option) for students interested in the pharmaceutical industry, medicine, dentistry, veterinary medicine or physical therapy; Option 3 (bioinformatics option) for students interested in graduate studies in biochemistry and bioinformatics as well as pharmaceutical and biotechnology industry. Major II includes a minimum concentration of 28 credits (option 1), 26 credits (option 2), and 20.5 credits (option 3) in 200-level and above chemistry courses, in addition to an 11-credit general chemistry core. Options 1-3 are all appropriate for students pursuing teacher education programs.

Students considering a chemistry major should consult the departmental adviser during their first semester to plan the proper sequence of courses, and they are urged to consult with the adviser at least once each succeeding semester. A year of General Chemistry and the accompanying General Chemistry Laboratory are prerequisites for admission to both Major I and Major II.

- Chemistry Major I
- Chemistry Major II


## Minor in Chemistry

A minor in Chemistry consists of a pre-requisite year of General Chemistry with laboratory (CHEM 10200 (STEM) through CHEM 10600 (STEM) or equivalent, 9 credits), and a minimum of 14 credits of coursework. Note that MATH 12500 is a co-requisite to General Chemistry. The minimum of 14 credits include the following required courses below. In addition, students will be required to take at least 5.5 credits of electives selected from Chemistry offerings numbered 200 or above, excluding CHEM 29101.

Prerequisite year of General Chemistry (note that MATH 12500 (STEM) is a prerequisite to General Chemistry)

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10300 (STEM) - General Chemistry Laboratory I

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr .
and

## CHEM 10500 (STEM) - General Chemistry Laboratory II

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.
```

    or
    
## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
and a minimum of 14 credits of coursework which include the following required courses:

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22300 - Organic Chemistry Laboratory I

## GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

In addition, students will be required to take at least 5.5 credits of electives selected from Chemistry offerings numbered 200 or above, excluding

## CHEM 29101 - Chemical Investigations

```
Pluralism and Diversity
GER 3/B
Original chemical investigations under supervision of faculty member. Written report required. Enrollment for
maximum of two semesters.
prereq: CHEM 22400, perm chair
4 \text { hrs}
1 cr.
```


## Honors Work

Opportunity for an individual research experience is provided by an honors course

## CHEM 49101 - Introduction to Research

## Pluralism and Diversity

GER 3/B
Open to Jr/Sr only. Similar to CHEM 29101. Written report required. Fulfills requirement for departmental honors course.
prereq: CHEM 22400, 35400, 34900, perm chair
4 hrs
1 cr .

## CHEM 49102 - Introduction to Research

## Pluralism and Diversity

GER 3/B
Open to Jr/Sr only. Similar to CHEM 29102. Written report required. Fulfills requirement for departmental honors course.
prereq: CHEM 22400, 35400, 34900, perm chair
8 hrs
2 cr .

## Electives

Advanced lecture courses in special areas of chemistry, and lab courses providing training in inorganic and organic chemistry and in research techniques, are offered as electives for Major I and are open to students enrolled in Major II who have fulfilled the course prerequisites.

## Graduate Study

Qualified chemistry majors may be admitted to 700-level courses in the graduate program. Permission of the department is required.

## Preparation for Teaching

In cooperation with the School of Education, the Department of Chemistry provides opportunities for students to prepare for careers in teaching at the elementary and secondary level in the area of chemistry. Chemistry Major II, Option I ( 37 credits) and Option 2 ( 35 credits) both satisfy the requirements for New York State certification for teachers of chemistry in Childhood Education (Grades 1-6) and Adolescent Education (Grades 7-12). See Childhood Education (QUEST) Grades 1-6-BA and Adolescent Chemistry, Grades 7-12-BA. For students pursuing certification as chemistry teachers at the secondary level, the 26 -credit adolescent education sequence is appropriate. Students who want to qualify for New York City licensing and New York State certification for teaching in secondary schools should consult the The School of Education section of this catalog for additional requirements.

## Chemistry Major I

Return to Program and Courses in Chemistry

## Foundational Courses

Foundational Courses include courses in chemistry and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Chemistry Major I, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MATH 12500 | Math \& Quantitative ReasoningFoundational |  |
| CHEM 10200 (STEM) Scientific World | Foundational |  |
| CHEM 10400 (STEM) Scientific World | Foundational |  |
| CHEM 10600 (STEM) Life and Physical Sciences | Foundational |  |
| CHEM 11100 (STEM) Life and Physical Sciences | Foundational |  |
| CHEM 11200 (STEM) Scientific World | Foundational |  |

## The major consists of a minimum of 43 credits

The requirements for this major consist of a minimum of 43 credits in chemistry. This major is recommended for students preparing for admission to graduate school or for careers in chemical research. It will also be useful to students seeking a position in the chemical or allied industries, as it is accredited by the Committee on Professional Training of the American Chemical Society.

## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## CHEM 22500-Organic Chemistry Laboratory II

## GER

3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
$2.5 c r$

## CHEM 24900-Quantitative Analysis

## GER

GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (4 lab, 1 rec )
3 cr.

## CHEM 34900-Instrumental Analysis

```
Pluralism and Diversity
GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.
prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5cr
```


## CHEM 35200 - Physical Chemistry I

GER
3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
prereq: CHEM 24900, MATH 15500, PHYS 12100 all with grade of C or better
3 hrs
3 cr.
offered fall

## CHEM 35400-Physical Chemistry II - F

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr .
offered fall
-or-

## CHEM 35600-Physical Chemistry II - S

GER
GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr.
offered spring
-with-

## CHEM 35500-Physical Chemistry Laboratory I

## GER

3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr .
offered fall

## CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

```
prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring
```


## CHEM 36600-Inorganic Chemistry

GER
GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.
prereq: CHEM 35200 with grade of C or better
3 hrs
$3 c r$.

## CHEM 37600 - Biochemistry I

GER
3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 39000 - Current Laboratory Methods in Chemistry

## Pluralism and Diversity

GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.
prereq or coreq: CHEM 35700 or perm instr.
4 hrs
2 cr .

## One further laboratory course must be chosen from (research), (honors research) or the following

## CHEM 29102-Chemical Investigations

Pluralism and Diversity
GER 3/B

Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
8 hrs
2 cr.
-or-

## CHEM 49102 - Introduction to Research

Pluralism and Diversity
GER 3/B
Open to Jr/Sr only. Similar to CHEM 29102. Written report required. Fulfills requirement for departmental honors course.
prereq: CHEM 22400, 35400, 34900, perm chair
8 hrs
2 cr .
-Or-

## CHEM 37800 - Biochemistry Laboratory

GER
3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.
prereq: CHEM 22300 and CHEM 37600 or CHEM 64000
5 hrs (4 lab, 1 rec )
3 cr.
In addition, one additional lecture course must be chosen from among the following:

CHEM 32200-Organic Chemistry Lecture III

GER
3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.
prereq: CHEM 22400 with grade of C or better, perm instr.
3 hrs
3 cr .
CHEM 35400-Physical Chemistry II - F

## Pluralism and Diversity

GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall

## CHEM 35600 - Physical Chemistry II - S

## GER <br> GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr.
offered spring

## CHEM 37700-Biochemistry II

## GER

3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
3 cr .

## Also acceptable for completion of Major I are

## PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
$4 c r$.
-or-

## PHILO 36200 - Theory of Knowledge (W)

## GER

3/A

Study of origin, structure, methods and foundations of human knowledge. prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr .

## PHILO 37900 - Philosophy of Science (W)

## GER

3/B

Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## Additional Information

Students should be aware, however, that if either of the philosophy courses is used to complete the Major I requirements, the major will not be eligible for accreditation by the American Chemical Society.

One year of physics, and four semesters of mathematics, are also required for this major

## PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core <br> Scientific World (SW) Life and Physical Sciences (LPS) <br> GER <br> 2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .
MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.

## MATH 25400 - Ordinary Differential Equations

## GER

3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .
-or-

## MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

## Additional Information

CHEM 24900, MATH 15000 (STEM) and MATH 15500 (STEM), and PHYS 12100 (STEM) are prerequisites for CHEM 35200 and should be completed by the end of the sophomore year.

Major I is required of all students who wish to be considered for certification by the American Chemical Society upon graduation. It is recommended for all students intending to enter the profession of chemistry through either graduate study or employment in industry or government. Students who can attend only in the evenings should consult the department adviser regarding the feasibility of completing Chemistry Major I.

## Chemistry Major II

## Return to Programs and Courses in Chemistry

## Foundational Courses

Foundational Coures include courses in chemistry and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.
Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Chemistry Major II, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MATH 12500 | Math \& Quantitive Reasoning | Foundational |
| CHEM 10200 (STEM) | Scientific World | Foundational |
| CHEM 10400 (STEM) | Scientific World | Foundational |
| CHEM 10600 (STEM) | Life and Physical Sciences | Foundational |
| CHEM 11100 (STEM) | Life and Physical Sciences | Foundational |
| CHEM 11200 (STEM) | Scientific World | Foundational |

## General Chemistry Core:

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core <br> Scientific World (SW); Life and Physical Sciences (LPS) <br> GER <br> 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
or its equivalent
-or-

## CHEM 11100 (STEM) - Chemical Principles

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## Pluralism and Diversity

GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic
nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral
presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

## CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)

## GER

2/E
The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

## Option 1:

For students interested in a career in the chemical industry. It consists of a minimum of 28 credits in chemistry above the introductory level and an 11-credit general chemistry core for a minimum total of 39 credits of chemistry. One year of physics and three semesters of calculus are also required.

## Required chemistry courses:

## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better

5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22300-Organic Chemistry Laboratory I

## GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22500-Organic Chemistry Laboratory II

GER
3/B
Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

## CHEM 24900-Quantitative Analysis

## GER

GER 3/B
A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (4 lab, 1 rec)
3 cr .

## CHEM 35200-Physical Chemistry I

## GER

3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
prereq: CHEM 24900, MATH 15500, PHYS 12100 all with grade of C or better
3 hrs
3 cr .
offered fall

## CHEM 35400-Physical Chemistry II - F

## Pluralism and Diversity

GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr .
offered fall
-or-

## CHEM 35600-Physical Chemistry II - S

GER
GER 3/B
Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr .
offered spring

## CHEM 35500-Physical Chemistry Laboratory I

GER
3/B
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs

```
1.5 cr.
offered fall
```


## CHEM 35700-Physical Chemistry Laboratory II

```
Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring
```


## Required elective course:

- Any chemistry course at the 300 level or above excluding CHEM 49101 .


## Required allied courses:

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

MATH 15500 (STEM) - Calculus with Analytic Geometry II

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series,
improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 \text { hrs}
4cr.
```

MATH 25000-Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.

## PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## Option 2 (Biochemistry option):

For students preparing for admission to medical, dental, veterinary schools or physical therapy programs, or for students interested in a career in the pharmaceutical industry. It consists of a minimum of 26 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 37 credits of chemistry. One year of physics, one year of biology and one year of calculus are also required.

## Required chemistry courses:

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

```
prereq: CHEM 10400 with a grade of C or better
```

5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300-Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

```
prereq: CHEM 10500 or CHEM 10600
```

prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500-Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

CHEM 35000-Biophysical Chemistry

Pluralism and Diversity
GER 3/B

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr

## CHEM 37600-Biochemistry I

## GER

3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

```
prereq: CHEM 22400 with grade of C or better
```

4 hrs (3 lec, 1 rec)
3 cr .

## CHEM 37700-Biochemistry II

## GER

3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
3 cr .

## CHEM 37800-Biochemistry Laboratory

## GER

3/B
A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.
prereq: CHEM 22300 and CHEM 37600 or CHEM 64000
5 hrs (4 lab, 1 rec)
3 cr .

## Required elective course:

Any chemistry course at the 300 level or above excluding CHEM 49101 Introduction to Research Also acceptable CHEM 24900 Quantitative Analysis

## Required allied courses:

BIOL 10000 (STEM) - Principles of Biology I

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
```

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra. prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## Option 3 (Bioinformatics option):

For students interested in graduate studies in biochemistry and bioinformatics as well as the pharmaceutical and biotechnology industry. In order to enroll in this Option, students must earn an average grade of B- or above in CHEM 10400 (STEM), CHEM 22200, BIOL 10000 (STEM), and MATH 15000 (STEM). In addition, no more than one C grade is allowed in these four courses to declare Option 3. This option consists of a minimum of 20.5 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 32 credits of chemistry. Three semesters of biology, one year of physics, one year of computer science, one year of calculus, and one semester of statistics are also required.

## Required chemistry courses:

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22500-Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
$2.5 c r$

## CHEM 35000-Biophysical Chemistry

## Pluralism and Diversity

GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr

## CHEM 37600-Biochemistry I

GER
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

## CHEM 37700 - Biochemistry II

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
$3 c r$.

## Required allied courses:

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

```
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
```

4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates. prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## CSCI 13200 - Practical UNIX and Programming, with Lab

```
Hunter Core
Scientific World (SW)
GER
2/E
```

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the

UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

## CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER

3/B
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## Chemistry/Adolescent Education: Chemistry - BA/MA

An accelerated program leading to a BA in Chemistry and an MA in Adolescent Education: Chemistry. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the MA degree one year after they complete the requirements for the BA degree. Students interested in the program should speak to a chemistry department adviser during their sophomore year to review the curriculum path for the five-year program. A minimum of 138 credits is required for the dual degree.

## Minor in Chemistry

A minor in Chemistry consists of a pre-requisite year of General Chemistry with laboratory (CHEM 10200 (STEM) through CHEM 10600 (STEM) or equivalent, 9 credits), and a minimum of 14 credits of coursework. Note that MATH 12500 is a co-requisite to General Chemistry. The minimum of 14 credits include the following required courses below. In addition, students will be required to take at least 5.5 credits of electives selected from Chemistry offerings numbered 200 or above, excluding CHEM 29101.

```
Required courses for the Minor
CHEM 22200-Organic Chemistry Lecture I
GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4cr.
```


## CHEM 22300-Organic Chemistry Laboratory I

## GER

```
3/B
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .
```


## CHEM 22400 - Organic Chemistry Lecture II

## GER

```
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .
```


## Classical and Oriental Studies

About the Department<br>The Department of Classical and Oriental Studies offers Programs in: Arabic, Chinese Language and Literature, Classics, Hebrew, Japanese, and Russian and Slavic Studies.

## Department Chair

## Robert Koehl

1442 West
(212) 772-5181
rkoehl@hunter.cuny.edu

## Arabic Language, Literature, and Culture

## A Program in the Department of Classical and Oriental Studies

Here at Hunter we teach Arabic as the living language used on a daily basis by more than two hundred million people, from Morocco in the west of the Arab world to Oman in the east. We focus on both formal - usually referred to as Modern Standard Arabic (MSA) or Fusha - and informal Arabic. We do this via a communicative approach. In other words, instead of focusing on the translation of written texts, as Arabic has traditionally been taught, we teach our students how to read, speak, write and aurally comprehend the different registers of the language. We offer a 6-course sequence of language courses and a growing number of culture courses taught in English. Four semesters of Arabic or the equivalent fulfills the language requirement of Hunter. We also offer two minors: Arabic and Arabic Studies. http://www.hunter.cuny.edu/classics/arabic/arabic-minors

## Programs and Courses

Arabic Programs and Courses

## Faculty and Administration

Program Head: Christopher Stone email: cst@hunter.cuny.edu
Program Office: 1303 Hunter West (212) 650-3138
Web site: http://www.hunter.cuny.edu/classics/arabic/

## Chinese Language and Literature

A Program in the Department of Classical and Oriental Studies
The Chinese Division of the Department of Classical and Oriental Studies offers language courses in Modern Chinese (Mandarin) and Classical Chinese as well as courses taught in English on traditional and modern Chinese literature and culture. The program, which offers a major and minor, focuses on language acquisition and literacy development to help students attain professional language proficiency. It also introduces students to the civilization of China. Students are encouraged to take interdisciplinary courses in Chinese art, economics, history, political science and religion to develop a deeper understanding of past and present China. The program prepares students for further studies in graduate school and professional careers in international trade, education, government service, diplomacy, private business, journalism and related fields.

## Programs and Courses

# Faculty and Administration 

Program Head: Der-Lin Chao (212) 772-4965 email: dchao@hunter.cuny.edu
Program website: http://www.hunter.cuny.edu/classics/chinese/
Hegis Code: 1107

## Classics

A Program in the Department of Classical and Oriental Studies
The civilizations of ancient Greece and Rome have had a profound influence on the development of our own culture. The various expressions of human experience that are revealed through our literature and art, in our political and social institutions, and even in our language, all show the impact of the legacy of the classical world.

The Classics program in the Department of Classical and Oriental Studies offers a full range of studies in the worlds of ancient Greece, Rome, and the Mediterranean, from a single course in myth or etymology to majors in Greek, Latin, Classical Archaeology, or Classical Studies. Students who want to know about the classical world without learning its languages can choose from a variety of courses in civilization, literature in translation, myth and religion, and archaeology. In addition, the division participates in Hunter's interdepartmental programs in religion, comparative literature, archaeology, and women and gender studies.

Careers in research, government and education use skills developed in classical studies, and a major in classics provides an excellent foundation for many professional programs such as law. In addition, specialized careers-such as college and high school teaching, museum work, and archival research-are open to professional classicists and archaeologists.

## Programs and Courses

- Greek - BA
- Latin - BA
- Greek and Latin - BA
- Classical Studies - BA
- Classical Archaeology (Interdepartmental) - BA


## Faculty and Administration

Program Head: Ronnie Ancona; email: rancona@hunter.cuny.edu
Program Office: 1403 West (212) 772-4960
Program website: http://www.hunter.edu/classics
HEGIS Codes: 1110 (Greek); 1109 (Latin); 1504 (Latin and Greek); 1504 (Classical Studies);
2203 (Archaeology)

## Hebrew

The Hebrew Program in the Department of Classical and Oriental Studies offers a program of Hebrew language, literature and culture spanning the ancient through the modern periods. This program is designed to develop language skills, cultivate a critical appreciation of Hebraic and Judaic literature and thought and promote an understanding of Jewish cultural tradition against the background of world civilization. These courses may be applied to satisfy foreign language and other components of the General Education Requirement as well as to fulfill major and minor concentrations.

This curriculum also meets the special needs of students majoring in other disciplines for courses dealing with the Hebraic or Judaic elements and influences on European culture. The wide variety of course offerings, covering the entire range of Hebraic and Judaic culture from early Biblical times to modern Israel, enables students to concentrate their attention on one major period, to aim for an overall proficiency or to strive for both objectives simultaneously.

## Programs and Courses

Hebrew - BA

## Faculty and Administration

## Program Head: Yitzhak Berger

Program Office: 1329 Hunter West; (212) 772-5107
Program website: http://www.hunter.cuny.edu/classics/hebrew
HEGIS Code: 1111

## Japanese Language and Culture

## Faculty and Administration

Program Head: Sue Kawashima; e-mail skawashi@hunter.cuny.edu
Program Office: 1431 Hunter West
HEGIS Code: 1111

Japanese is one of the languages that can be used to meet the Foreign Language requirement of the GER. The Japanese culture courses offered meet PD/A. The Japanese Division offers a minor in Japanese Language and a minor in Japanese Culture and History.

Japanese Language/Culture Courses

## Russian and Slavic Studies

A Program in the Department of Classical and Oriental Studies

The Russian and Slavic Studies Program in the Department of Classical and Oriental Studies offers a rich curriculum designed for students who seek competence in spoken and written Russian and a solid background in and knowledge of Russian literature and culture. The Program also offers courses in two related Slavic languages, Polish and Ukrainian.

Courses in the Program are recommended to students from other disciplines who want to master the Russian language as a research tool or who seek to learn about Russian literature in translation. The important contributions being made
by Russian scholars in chemistry, biology, mathematics and other related fields make the study of Russian especially valuable to science majors.

Russian majors find employment in U.S. governmental agencies, the United Nations, broadcasting, banking, international commerce, education, library services and other fields.

## Programs and Courses

Russian - BA

## Faculty and Administration

Division Head: Nadya Peterson email:npeterso@hunter.cuny.edu Division Office: 1330 Hunter West; (212) 772-5060/5059
Program website: http://www.hunter.cuny.edu/classics/russian/
HEGIS Code: 1106

# Faculty for All Programs in Classical and Oriental Studies 

Classical and Oriental Studies Faculty

## Chinese Language and Literature - BA

Return to Classical and Oriental Studies

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## CHIN 10100 - Elementary Chinese I

## Hunter Core

World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr.
offered fall

## CHIN 10200 - Elementary Chinese II

## 3 hrs

3 cr .
offered spring
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major

The major in Chinese language and literature consists of 24 credits chosen from the following CHIN-prefixed courses:

## CHIN 20100 - Intermediate Chinese I

```
Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-
building.
prereq: CHIN 10200 or equiv.
3 hrs
3cr.
offered fall
```


## CHIN 20200 - Intermediate Chinese II

Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr.
offered spring

## CHIN 30100 - Journalistic Chinese Literature I

Intensive reading of literature and essays written in journalistic style.

```
prereq: CHIN 20200 or equiv.
```

3 hrs
3 cr.
offered fall

## CHIN 30200 - Journalistic Chinese Literature II

```
Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3cr.
offered spring
```


## CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles. prereq: CHIN 20200 or equiv.

## CHIN 30400 - Classical Chinese Literature II

```
Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.
prereq: CHIN 303 or equiv.
3 hrs
cr.
offered spring
```


## CHIN 30700 - Classical Chinese Poetry

## Pluralism and Diversity

PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs
3 cr .

## CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr .

## CHIN 40200 - Independent Study in Chinese Literature

Independent study and research in Chinese literature under supervision of a faculty member.
For majors only.
prereq: CHIN 40100, perm chair
3 hrs
3 cr .

## Preparation for Teaching Chinese in Grades 7-12

Students preparing to teach Chinese must complete a 30 -credit major option for teaching that includes the 24 -credit sequence taken by non-teaching majors plus 9 additional credits: CHIN 39900 and 6 credits in Chinese language and literature at the 300 or 400 level. Students interested in teaching Chinese in New York schools should take the 23-credit pedagogical sequence for grades 7-12 ; this sequence may count toward the course requirements for New York State certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the The School of Education.

## Minor in Chinese

The minor in Chinese consists of 12 credits. Students must take 4 courses at or above the CHIN 200 level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count toward the minor. Consult the Chinese program adviser for appropriate course recommendations.

## Advanced Placement and Exemptions

Students who elect to take Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions. The Chinese program does not offer proficiency tests.

## Electives

All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

## Chinese: Other Courses

Language Courses

## CHIN 10100 - Elementary Chinese I

## Hunter Core

World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr.
offered fall

## CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

## CHIN 10500 - Chinese Writing System and Calligraphy I

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours
3 credits
offered fall

## CHIN 10600 - Chinese Writing System and Calligraphy II

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours
3 credits
offered spring

## CHIN 30600-20th-century Chinese Literature

```
Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3cr.
```


## CHIN 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr .
Chinese Culture and Literature in Translation

## CHIN 11100-Chinese Culture I

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3 cr .

## CHIN 11200 - Chinese Culture II

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
cr.
```


## CHIN 21100 - Topics in Chinese Culture

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.
3 hrs
3 cr .

CHIN 25100 - Topics in Chinese Literature in English Translation (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3cr.
```


## CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr .

## CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A
Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr .

## Classical Archaeology (Interdepartmental) - BA

Return to Classical and Oriental Studies

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## ENGL 12000 - Expository Writing

```
Hunter Core
English Comp (EC)
GER
1/A
```

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

## Hunter Core Requirement

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## BA in Classical Archaeology (Interdepartmental)

## 24 credits from the interdepartmental course pool, including

## CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/C<br>Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000<br>3 hrs<br>3 cr .

CLA 22000 - Aegean Archaeology (W)
Pluralism and Diversity
PD/D
GER
3/A
Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .

## CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

## Pluralism and Diversity

PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr.
fall only

- with a corequisite of 12-14 credits of Greek or Latin.


## Additional Information

Offered within the interdepartmental archaeology major.

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

## Courses in Archaeology

## CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

CLA 22100-Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .

## CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
cr.
fall only
```


## CLA 22500-Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22700 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A
Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .
CLA 32200 - Archaeology of Mesopotamia and Iran (W)
Pluralism and Diversity
PD/A

GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary. prereq: ENGL 12000, two courses in classical archaeology
3 hrs
3 cr .

## CLA 33000 - Field Seminar in Archaeology

Open to majors only. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
prereq: ENGL 12000, perm dept.
6 cr. maximum

## ANTHC 12600 - Introduction to Prehistoric Archaeology

```
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B
```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

## ANTHC 12700 - Methods In Archaeological Science

Hunter Core
SW

Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 22600-Archaeology of Africa

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 22700 - Archaeology of Europe

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

## ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

## ANTHC 23100 - Archaeology of Mesoamerica

## GER

3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 23200 - Archaeology of South America and the Caribbean

## GER

3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## ANTHC 42600 - Seminar in Archaeological Field Methods

## Pluralism and Diversity

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

## Minor in Classical Archaeology

## 12 Credits

1. CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
2. CLA 22100 - Greek Archaeology (W)
3. CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)
4. One other course in Classical Archaeology at the 200- or 300-level.

Note: CLA 20400 is a prerequisite for all other Classical Archaeology courses.

## Classical Studies - BA

Return to Classical and Oriental Studies

## 12 credits of Greek or 12 credits of Latin, including

## GRK 10100 - Beginning Greek

## Hunter Core

World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr.
offered fall

## GRK 10200 - Beginning Greek

```
3 hrs
3cr.
offered spring
    or
```


## LAT 10100 - Beginning Latin

```
Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr.
offered fall
```


## LAT 10200 - Beginning Latin

3 hrs.
3 cr .
offered spring

## LAT 10700 - Beginning Latin, Intensive

## 6 hrs

6 cr.
usually offered spring and summer

## 12 credits of Classics courses given in English (CLA prefix), including two courses at the 300 level

Note: CLA 10100 and CLA 11000 do not count toward the major.

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

## Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

## Classics: Minors

## Classical Studies

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

## Classical Archaeology

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

## Greek

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200
Latin

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

## Courses in Classical Studies

## CLA 10100 - Classical Mythology

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr .

## CLA 11000 - The Greek and Latin Roots of English

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr.

## CLA 20100-Greek Civilization (W)

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/D<br>GER

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics. prereq: ENGL 12000
3 hrs
3 cr.

## CLA 20200 - Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000, CLA 20100 or 20400
3 hrs
3 cr.

## CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr.

CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr .
CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

## CLA 22100 - Greek Archaeology (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLA 20400
3 hrs
cr.
```


## CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii
and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
cr.
fall only
```


## CLA 22500 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 22700 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age.

3 hrs
3 cr .

## CLA 24000 - Topics in Classics

```
Examination of specific areas of classical culture, such as literature, language, or numismatics. prereq: ENGL 120
3 hrs
3 cr .
```


## CLA 25000-Greek and Roman Tragedy (W)

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

## CLA 25100 - Ancient Comedy (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr .

## CLA 25300 - Homer and Vergil (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

## CLA 25400 - The Ancient Novel in Translation (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale. prereq: ENGL 22000 or perm instr.
3 hrs
3 cr .

## CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr.

## CLA 30300 - Religion of Ancient Greece (W)

## Pluralism and Diversity

GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice. prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr .

CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

CLA 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D

GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class. cross-listed WGSC 30500 (W)
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

## CLA 30600 - Special Studies in Ancient Greek Culture

Examination of specific areas of Greek life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3 cr .

## CLA 30700 - Special Studies in Ancient Roman Culture

```
Pluralism and Diversity
PD/D
Examination of specific areas of Roman life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3cr.
```

CLA 30800 - Magic and Science in the Ancient World (W)

GER
3/A

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .
CLA 31000 - Ancient Sports and Spectacles (W)
Pluralism and Diversity
PD/D
GER
3/A
An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

CLA 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

## CLA 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

## CLA 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary. prereq: ENGL 12000, two courses in classical archaeology
3 hrs
3 cr.

## CLA 33000 - Field Seminar in Archaeology

Open to majors only. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school. prereq: ENGL 12000, perm dept.
6 cr. maximum

## CLA 42100 - Independent Study in Classics

Open to majors only.
prereq: ENGL 12000, perm dept.
1-3 cr.

## CLA 49100 - Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.
prereq: ENGL 12000, perm dept.
3 hrs
3 cr .

## CLA 49800 - Internship

prereq: ENGL 12000, perm dept.
1-6cr.

## Greek - BA

Return to Classical and Oriental Studies

## 24 credits of Greek above

## GRK 10100 - Beginning Greek

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement. 3 hrs
3 cr .
offered fall
GRK 10200 - Beginning Greek

3 hrs
3 cr.
offered spring
Courses in Greek Above Beginning Level

## GRK 11000-Greek Reading

prereq: GRK 10200 or equiv.
3 hrs
3 cr .
offered fall
GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
3 cr .
GRK 20300 - Homer
prereq: GRK 11000 or equiv.
3 hrs
3 cr .

GRK 30100-Plato II

```
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30200-Euripides
prereq: GRK 20200 or equiv.
3 hrs
cr.
GRK 30300 - Greek Lyric Poetry
prereq: GRK 20200 or equiv.
3 hrs
3cr.
```

GRK 30400 - Aristophanes and Menander
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30500 - Attic Orators
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30700 - Sophocles
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30800 - Aeschylus
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30900 - Herodotus
prereq: GRK 202 or equiv.
3 hrs
3 cr .
GRK 31000 - Thucydides
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

## GRK 42100 - Independent Study in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr .

## and a corequisite of

## LAT 10100 - Beginning Latin

```
Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT }10100\mathrm{ without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3cr.
offered fall
```


## LAT 10200 - Beginning Latin

## 3 hrs.

3 cr .
offered spring
-Or-

## LAT 10700 - Beginning Latin, Intensive

## 6 hrs

6 cr .
usually offered spring and summer

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

## Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

## Classics: Minors

## Classical Studies

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

## Classical Archaeology

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

## Greek

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200
Latin

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

## Greek and Latin - BA

Return to Classical and Oriental Studies

## 18 credits each of Greek and Latin

(may include 10100-10200 or, in Latin, LAT 10700 )

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

## Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

## Classics: Minors

## Classical Studies

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

## Classical Archaeology

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

## Greek

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200

## Latin

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

## Courses in Greek and Latin

## GRK 10100 - Beginning Greek

```
Hunter Core
World Culture and Global Issues (WCGI)
    For credit policy on GRK }10100\mathrm{ without GRK }10200\mathrm{ please see Appendix II: Foreign Language Requirement.
3 hrs
3cr.
offered fall
```

GRK 10200 - Beginning Greek
3 hrs
3 cr.
offered spring

## GRK 11000 - Greek Reading

prereq: GRK 10200 or equiv.
3 hrs
3 cr.
offered fall
GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
$3 c r$.
GRK 20300 - Homer
prereq: GRK 11000 or equiv.
3 hrs
3 cr .

## GRK 30100 - Plato II

```
prereq: GRK 20200 or equiv.
3 hrs
cr.
GRK 30200-Euripides
```

prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30300 - Greek Lyric Poetry
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30400 - Aristophanes and Menander
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30500 - Attic Orators
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30700-Sophocles
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30800-Aeschylus
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30900 - Herodotus
prereq: GRK 202 or equiv.
3 hrs
3 cr .

GRK 31000 - Thucydides
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

## GRK 42100 - Independent Study in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr .

LAT 10100 - Beginning Latin

## Hunter Core

World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr.
offered fall

## LAT 10200 - Beginning Latin

3 hrs.
3 cr .
offered spring
LAT 10700 - Beginning Latin, Intensive

6 hrs
6 cr.
usually offered spring and summer

## LAT 11000 - Latin Reading

prereq: LAT 10200 or equiv.
3 hrs
3 cr .
offered fall
LAT 20100-Ovid's Metamorphoses
prereq: LAT 11000 or equiv.
3 hrs
3 cr .
LAT 20200 - Roman Biography

```
prereq: LAT 11000 or equiv.
```

3 hrs
3 cr .

LAT 20300 - Vergil's Aeneid

```
prereq: LAT 11000 or equiv.
3 hrs
cr.
LAT 20400 - Cicero's De Senectute
```

prereq: LAT 11000 or equiv.
3 hrs
3 cr .

LAT 22000 - Medieval Latin

```
prereq: LAT 11000 or equiv
3 hrs
cr.
offered summer
```


## LAT 30200 - Roman Letter

```
prereq: LAT 20100 or equiv.
```

3 hrs
3 cr .
LAT 30300 - Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

## LAT 30400 - Roman Satire

prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30500 - Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30600-Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30700 - Lucretius' De Rerum Natura

```
prereq: LAT 20100 or equiv.
3 hrs
3cr.
LAT 30800 - Roman Epic
```

prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30900 - Lyric Poetry of the Golden Age
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31000 - The Roman Novel
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31100 - Elegiac Poets
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31200 - Livy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31400 - Tacitus
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

## LAT 42100 - Independent Study in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: LAT 20100 or equiv. and Department Permission
3 hrs
$3 c r$.

## Hebrew - BA

Return to: Classical and Oriental Studies
Placement and Exemption Students with background in the language should consult the head of the Hebrew Division for proper placement or for language exemption..

## Majors

The major consists of 24 credits from courses beyond HEBR 101-102. In general, a Hebrew major is required to achieve proficiency in Biblical and/or modern Hebrew literature by successfully completing a minimum of four courses at the 300 level in Hebrew. Courses in Hebraic studies conducted in English may be applied toward partial fulfillment of the Hebrew major provided they are part of a coherent program approved by the head of the division.

Qualified students interested in a more intensive program in the field of Hebraic or Judaic studies, particularly those preparing for graduate work in such specialized areas as Semitic languages and civilizations, Jewish history, Biblical studies and archaeology, medieval or modern Hebrew literature, Near Eastern studies or religious studies, should consult a division adviser regarding additional courses and supportive studies in related fields.

## Preparation for Teaching in Grades 7-12

In cooperation with the School of Education, the Program in Hebrew provides opportunities for students to prepare for a career in teaching Hebrew in grades 7-12. Students preparing to teach Hebrew must complete a 33 -credit major option for teaching that includes the 24-credit sequence taken by non-teaching majors, HEBR 39900, and 6 additional credits in Hebrew language and literature at the 300 or 400 level. Students interested in teaching Hebrew in New York schools should take the 23-credit pedagogical sequence for grades 7-12. This sequence may count toward the course requirements for New York State Certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the Section XII: School of Education.

## Minor

Two minors are offered, one in Hebrew, the other in Hebraic Studies.

The Hebrew minor requires the successful completion of 12 credits at the 200 -level or above. Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

## Hebraic Studies Minor

The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200-level or above, taught in English or in Hebrew. Two Hebrew language courses other than Elementary and Intermediate Hebrew-e.g., Biblical Hebrew, Advanced Hebrew- may be used toward the minor requirement in lieu of two literature or culture courses.

## Honors

Opportunity for honors work is available through HEBR 49100 - Honors Project.

## Courses in Hebrew

## HEBR 10100 - Elementary Hebrew I

## Hunter Core

World Culture and Global Issues (WCGI)
Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 101 not credited without HEBR 102.
HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
3 cr .

## HEBR 10300 - Intensive Elementary Hebrew

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
6 hrs
6 cr .

## HEBR 10500 - Elementary Biblical Hebrew I

## Hunter Core

World Culture and Global Issues (WCGI)
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.
Not credited without HEBR 10600

## HEBR 10600 - Elementary Biblical Hebrew II

The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.
3 hours
3 credits

## HEBR 20100 - Intermediate Hebrew I

Continued practice in conversational Hebrew, grammar and composition.
prereq: HEBR 10200 or equiv.
3 hrs
3 cr .
HEBR 20200 - Intermediate Hebrew II

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.
prereq: HEBR 20100 or equiv.
3 hrs
3 cr .

## HEBR 20500 - Intermediate Biblical Hebrew I

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.
prereq: Biblical Hebrew 10600 or equivalent.
3 hours
3 credits

## HEBR 20600 - Intermediate Biblical Hebrew II

This is the 4th semester of the 4-semester Biblical Hebrew series.
prereq: HEBR 20500 or equivalent.
3 hours
3 credits

## HEBR 21000 - Selected Studies in Hebrew Literature in Translation

Pluralism and Diversity
PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr .
HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3cr.
```

HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)
GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism. 3 hrs
3 cr
HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material. prereq: ENGL 12000
3 hrs
3 cr .
HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

## HEBR 22000 - Israeli Cinema

Pluralism and Diversity<br>PD/A<br>GER<br>3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

## HEBR 22100 - Modern Israeli Culture

## Hunter Core

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

## HEBR 24000 - Introduction to the Old Testament

Hunter Core<br>World Cultures and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

## HEBR 25000 - Topics in Hebraic Studies

Pluralism and Diversity
PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr
HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization. 3 hrs
3 cr

HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr .
HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A
Comparative study of ancient Near Eastern literature and the Hebrew Bible.

3 hrs
3 cr

## HEBR 28800 - Ancient Hebraic Folklore

Pluralism and Diversity
PD/A
GER
2/C
Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apoyphal literature and rabbinic Aggada.
3 hrs
3 cr
HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C
Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr

## HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C
Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought. 3 hrs
$3 c r$

## HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
$3 c r$

## HEBR 29500 - Ancient Hebrew Law

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Historical and comparative study of Biblical and rabbinic law.
3 hrs
3cr
```

HEBR 29600 - The Dead Sea Scrolls in English (W)
Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr
HEBR 31000 - Modern Hebrew Literature I
Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr

## HEBR 31100 - Modern Hebrew Literature II

GER
3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31500 - Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A

GER
3/A

Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.
HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity
PD/A
GER
3/A
Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr
HEBR 31800 - Biblical Literature: Hagiographa

Pluralism and Diversity
PD/A
GER
3/A

Selections from Job, Proverbs, Psalms and the five Magillot.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32000 - The Modern Hebrew Short Story

GER
3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.
prereq: HEBR 20200 or equiv.

3 hrs
3 cr .

## HEBR 32100 - Talmudic Literature

Pluralism and Diversity
PD/A
GER
3/A

Selections from Talmud and Midrash.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 32500 - History of Modern Hebrew Literature

## GER

3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32600 - Hebrew Poetry Between the Two World Wars

GER
3/A

Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32800 - Contemporary Hebrew Prose

GER
3/A

Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A. Applefeld and A. B. Yehoshua.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 33100 - Medieval Hebrew Philosophic Texts

GER
3/A

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 35100-Hebrew Grammar and Composition

Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 35700 - Approaches to Main Problems in Hebraic Studies

Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

## HEBR 39900-Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
$3 c r$

## HEBR 45100 - Selected Studies in Hebrew Literature

```
Pluralism and Diversity
PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from
semester to semester. Some topics may meet a PD requirement.
There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3cr
```


## HEBR 49000 - Independent Studies

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: permission of division head
hrs TBA
3 cr

## HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr .

## Japanese Courses

Return to Classical and Oriental Studies
The following are the courses offered in Japanese language and culture.

## Courses in Japanese Language/Culture

## JPN 10100 - Elementary Japanese I

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation.<br>JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.<br>3 hrs<br>3 cr .

## JPN 10200 - Elementary Japanese II

Continuation of 10100 .
prereq: JPN 10100 or equiv.
3 hrs
3 cr .

## JPN 20100 - Intermediate Japanese I

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.
prereq: JPN 10200 or equiv.
3 hrs
3 cr .
JPN 20200 - Intermediate Japanese II

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
3 cr .

## JPN 30100 - Advanced Japanese I

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
prereq: JPN 20200 or equiv.

3 hrs
3 cr .

## JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.
3 hrs
3 cr .

## JPN 25100 - Japanese Culture Before 1600

## Pluralism and Diversity

PD/A
GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr

## JPN 25200 - Japanese Culture Since 1600

## Pluralism and Diversity

PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

## Latin-BA

## 24 credits of Latin above

## LAT 10100 - Beginning Latin

## Hunter Core <br> World Culture and Global Issues (WCGI)

For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr.
offered fall

## LAT 10200 - Beginning Latin

3 hrs.
3 cr .
offered spring
-or-

LAT 10700 - Beginning Latin, Intensive

## 6 hrs

6 cr.
usually offered spring and summer

## and a corequisite of

## GRK 10100 - Beginning Greek

```
Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK }10100\mathrm{ without GRK }10200\mathrm{ please see Appendix II: Foreign Language Requirement.
3 hrs
3cr.
offered fall
```

GRK 10200 - Beginning Greek

3 hrs
3 cr .
offered spring

## Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

Departmental honors in classics and tutorials are open only to majors.

## Classics: Minors

## Classical Studies

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

## Classical Archaeology

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

## Greek

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200

## Latin

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

## Courses in Latin

## LAT 11000 - Latin Reading

prereq: LAT 10200 or equiv.
3 hrs
3 cr .
offered fall

## LAT 20100-Ovid's Metamorphoses

```
prereq: LAT 11000 or equiv.
3 hrs
3cr.
```


## LAT 20200 - Roman Biography

```
prereq: LAT 11000 or equiv.
```

3 hrs
3 cr .

LAT 20300 - Vergil's Aeneid

```
prereq: LAT 11000 or equiv.
```

3 hrs
3 cr .

LAT 20400 - Cicero's De Senectute

```
prereq: LAT 11000 or equiv
3 hrs
3cr.
```

LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr .
offered summer
LAT 30200 - Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30300 - Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30400 - Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

## LAT 30500 - Vergil's Eclogues and Georgics

prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30600 - Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

## LAT 30700 - Lucretius' De Rerum Natura

```
prereq: LAT 20100 or equiv.
```

3 hrs
3 cr .

LAT 30800 - Roman Epic
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

## LAT 30900 - Lyric Poetry of the Golden Age

prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31000 - The Roman Novel
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

## LAT 31100 - Elegiac Poets

prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31200 - Livy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31400 - Tacitus
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 42100 - Independent Study in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.

## Minor in Arabic and Minor in Arabic Studies

Return to Classical and Oriental Studies
Two minors are offered by the Arabic Language, Literature, and Culture Division of the Department of Classical and Oriental Studies: Arabic and Arabic Studies.

## Minor in Arabic

The minor in Arabic requires the successful completion of

## ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills. prereq: ARB 10200 or equiv.
3 hrs
3 cr.

## ARB 20200 - Intermediate Arabic II

```
Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
3cr.
```


## ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic prereq: ARB 20200 or equiv.
3 hrs
3 cr .

## ARB 30200 - Advanced Arabic II

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr .
or their equivalent as determined by the Arabic Program Head.

## ARB 14900 - Spoken Egyptian Arabic

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.
prereq: ARB 10200 and permission of instructor
3 hours
3 credits
can be taken in lieu of ARB 30200
The prerequisite for the minor is successful completion of ARB 10100 and 10200 ( 8 credits).

## Arabic Studies Minor

The Arabic Studies Minor requires the successful completion of 4 ARB courses on cultural or literary topics taught in English or in Arabic. Up to 2 Arabic language courses may be used to fulfill the minor requirements in lieu of two culture or literature courses.

The prerequisite for the minor is successful completion of ARB 10100 and ARB 10200 (8 credits).

## Arabic Courses

## ARB 10100-Beginning Arabic I

## Hunter Core

## World Culture and Global Issues (WCGI)

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr.

## ARB 10200-Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.
prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr.

## ARB 14800-Beginning Arabic for Heritage Speakers

## Hunter Core

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head
3 hrs
3 cr .

## ARB 14900 - Spoken Egyptian Arabic

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic. prereq: ARB 10200 and permission of instructor
3 hours
3 credits

## ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule. prereq: ENGL 12000 or equivalent
3 hrs .
3 cr .

## ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.
prereq: ARB 10200 or equiv.
3 hrs
3 cr .

## ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
3 cr .

## ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800 . It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book The course is not open to students who have taken the ARB 10100-30200 sequence.

3 hrs
3 cr .

## ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr.

## ARB 25100 - Arab Cinema (in translation)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25200 - Literatures from the Islamic World (W)

```
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
```

A survey of literary genres and themes from the Islamic World from the 7 th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25300 - Literatures and Cultures of Muslim Spain (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

## ARB 25400 - The Arabian Nights East and West (W)

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

## ARB 25500 - Modern Palestinian Culture

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> Pluralism and Diversity <br> PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

## ARB 25600 - Modern Arab Theatre

## Hunter Core

World Culture and Global Issues (WCGI_
Pluralism and Diversity
PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.
3 hrs
3 cr .
ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300 -level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.
3 hours
3 credits

## ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic prereq: ARB 20200 or equiv.
3 hrs
3 cr .

## ARB 30200 - Advanced Arabic II

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr .

## Minor in Chinese

The Minor in Chinese consists of 12 credits. Students must take four courses at or above CHIN 200-level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

## Minor in Classical Archaeology

12 credits
CLA 20400 Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
CLA 22100 Greek Archaeology (W)
CLA 22200 Roman Archaeology I: Etruscans, Monarchy, Republic (W)
One other course in Classical Archaeology at the 200- or 300-level.

Note: CLA 204 is a prerequisite for all other Classical Archaeology courses.

## Minor in Classical Studies

12 Credits:

1. CLA 10100-Classical Mythology
2. CLA 20100 - Greek Civilization (W)
3. CLA 20300 - Roman Civilization (W)
4. One course with a CLA prefix at the 200- or 300-level (e.g. literature in translation or upper-level culture courses)

Note: CLA 10100, CLA 20100, and CLA 20300 have no prerequisites

## Minor in Hebraic Studies

Minor: 12 credits
The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200-level or above, taught in English or in Hebrew. Two Hebrew language courses on 300-level or above may be used toward the minor requirement in lieu of two literature or culture courses.

## Minor in Hebrew

The Hebrew minor requires the successful completion of 12 credits at the 200-level or above. Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

## Minor in Japanese Language

The Japanese Language Minor seeks to develop students' understanding of the Japanese language at an advanced level. With higher-level language courses, students will be exposed to more complex oral and written Japanese that will lead to a greater fluency in the language. To this end, the Japanese Language Minor requires completion of a minimum of 12 credits ( 4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement.

No grade below B- shall be considered to fulfill the requirements for this minor.

## Students must complete the following course:

## JPN 20200 - Intermediate Japanese II

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
3 cr .

## Students must take at least three of the following courses or an elective course approved by the department head ( 9 credit hours total):

## JPN 27100 - Japanese Reading: Recitation and Comprehension

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.
prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor
3 hrs
$3 c r$.

## JPN 30100 - Advanced Japanese I

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
prereq: JPN 20200 or equiv.
3 hrs
3 cr .

## JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.
3 hrs
3 cr .

## JPN 35100 - Advanced Japanese Conversation

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.
prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr .

## JPN 42103 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
3 hrs
$3 c r$.

## Minor in Japanese Studies

The Japanese Studies Minor seeks to develop students' understanding of Japanese culture, while also fostering a broader understanding of Japan's influence in the world. The required culture classes (JPN 25100 and JPN 25200 ) will give students a foundation specifically in Japanese culture and society, and the additional elective courses offer students the option to customize the aspects of Japan they want to research.This minor is designed to be flexible and accommodate students who do not take Japanese language classes, but rather have an interest purely in Japanese culture. The majority of classes that satisfy this minor are taught in English, however some Japanese language classes can be used to fulfill it. Students who complete the minor will have a well-rounded perspective on Japanese history and contemporary issues that will give insight into Japan.

## Minor in Japanese Studies: 12 credits

No grade below B- shall be considered to fulfill these requirements.

## Students must complete the following courses (6 credit hours)

## JPN 25100 - Japanese Culture Before 1600

Pluralism and Diversity
PD/A
GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr
JPN 25200 - Japanese Culture Since 1600

## Pluralism and Diversity

PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

## Students must take at least two of the following elective courses or an elective course approved by the department head ( 6 credit hours total):

## JPN 27100 - Japanese Reading: Recitation and Comprehension

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.
prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor
3 hrs
3 cr.

## JPN 35100 - Advanced Japanese Conversation

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.
prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr .

## JPN 42103 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
3 hrs
3 cr .

## ASIAN 21000 - Asians in the U.S.

```
Hunter Core
I&S
Pluralism and Diversity
PD/B
Critical nterdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of
domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of
historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.
Recommended for but not required of AASP Minors.
3 hrs
3 cr .
```


## ASIAN 22001 - Asian American Women Writers

```
Pluralism and Diversity
PD/B or C
Critical examination of Asian American women's identity formations in relation to factors such as racial ideology,
global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.
3 hrs
3cr.
```


## ASIAN 32001 - Nation, Self, and Asian Identity

Pluralism and Diversity
PD/B
Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with particular emphasis placed upon juridical constructions of citizenship, community, and belonging.
3 hrs
3 cr .

- ASIAN 35152 Asian American Literature and Pop Culture


## FILM 21355 - National Cinema: Asian Cinema

```
Pluralism and Diversity
PD/A
GER
3/A
prereq: FILM 10100
4 hrs
3cr.
```


## HIST 27700 - East Asia to 1600

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27800 - East Asia, 1600 to the Present

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD . Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## Students may petition for other courses to fulfill the elective requirement. No more than one class from other campuses or universities may be used to fulfill requirements.

## Total credits required: 12 credits

## Minor in Latin or Ancient Greek

Greek: 12 credits beyond GRK 10100/ GRK 10200
Latin: 12 credits beyond LAT 10100/ LAT 10200 or LAT 10700

## Minor in Russian Language and Minor in Russian Literature and Culture

The Program will encourage students to take the Russian minor. The minor consists of minimum of 12 credits. Students wishing to minor in Russian should either pass a proficiency test or take the language sequence of RUSS 10100 RUSS 10200 ; RUSS 20100 -RUSS 20200 . Courses taken toward the Russian minor could follow two tracks:

Track I: Russian Language Minor
Prerequisite:RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 \& RUSS 30200 ; RUSS 31700 or RUSS 31800 or RUSS 31900; plus one literature course taught in Russian.

Track II: Russian Literature and Culture Minor

Prerequisite:RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 \& RUSS 30200 and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

## Russian - BA

Return to: Classical and Oriental Studies

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement. Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## RUSS 10100 - Elementary Russian

## Hunter Core

World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement. 2 sems, 3 hrs
3 cr . each sem.

## RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.
-or-

## RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr .

## Major- 24 credits

The Russian major consists of no fewer than 24 credits chosen among courses in the language beyond RUSS 10100 and RUSS 10200.

1. Russian language sequence: for students who want to acquire native fluency in spoken and written Russian and a thorough knowledge of Russian literature.
2. Russian language and culture sequence: for students whose interests lie in the arts rather than in language. With the permission of the division head, a limited number of courses in translation may be applied to the major sequence.
III. Concentration in Russian and East Central European Studies (RECE): This concentration within the Russian program draws on a variety of disciplines in combination with courses from the Division of Russian and Slavic Studies. Requirements for RECE include
3. Russian or Slavic language proficiency or a pre- or corequisite of 6 credits in Russian or Slavic language at the 20200 (intermediate) level or above and
4. 18 credits distributed as follows:
5. Russian or East Central European history ( 3 cr .);
6. RECE area political science ( 3 cr .);
7. Russian or East Central European literature, culture or arts (3 cr.);
8. and three additional 200- or 300-level courses chosen from two of the following categories:
9. anthropology,
10. economics,
11. geography,
12. history,
13. political science and
14. literature, culture or arts.

Students should select courses in consultation with their RECE adviser. In addition to their 18-to 24-credit concentration, students are strongly urged to choose 12 minor credits from disciplines related to RECE.
IV. Concentration in Russian translation: for students with interest in acquiring training in Russian translation in a variety of professional fields. Requirements for the concentration in Russian translation include:

1. 6 credits in Russian language at the intermediate level (RUSS 20100 and RUSS 20200) or 6 credits in the intensive RUSS 20300 for heritage speakers.
2. RUSS 21500 Translating Culture: Introduction to Theory and Practice of Translation for 3 credits.
3. RUSS 30100 Advanced Russian I for 3 credits
4. RUSS 30200 Advanced Russian II for 3 credits
5. RUSS 31700 Practical Aspects of Translation for 3 credits
6. RUSS 31800 Advanced Translation for 3 credits
7. RUSS 49800 Internship in Russian and Slavic Studies for 3 credits

Students exempt from the Russian language requirement through proficiency testing or by permission of the Division Head are required to take also either:

1. one 300 -level literature course taught in Russian for 3 credits and one of the following 300 -level language courses:

RUSS 31200
RUSS 31300
RUSS 31400
RUSS 31500 or
RUSS 31900 for 3 credits ( 6 credits in all) or:
2. two 300-level language courses from the following courses

RUSS 31200
RUSS 31300
RUSS 31400
RUSS 31500
RUSS 31900 for 6 credits
3. or two 300-level literature courses in Russian for 6 credits

## Electives

All courses offered by the Russian Division are open to qualified students for elective credit.

## Preparation for teaching in Grades 7-12

In cooperation with the The School of Education, the program in Russian provides opportunities for students to prepare for a career in teaching Russian in grades 7-12. Students preparing to teach Russian must complete a 33 -credit major option for teaching that includes the 24 -credit sequence taken by non-teaching majors plus 9 additional credits:RUSS 39900 and 6 additional credits in Russian language and literature at the 300 or 400 level. Students interested in teaching Russian in New York Schools should take the 23-credit pedagogical sequence for grades 7-12. This sequence may count toward the course requirements for New York State Certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the The School of Education.

## Minor in Russian

The minor in Russian consists of no fewer than 12 credits. Courses taken toward the Russian minor could follow two tracks: the Russian language minor or the Russian literature and culture minor.

## RUSS 10100 - Elementary Russian

## Hunter Core

World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

## RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.

## RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr .

## RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr .
-or-

## RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
$6 c r$.

## RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
$6 c r$.

## Track I: Russian Language Minor

## RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr .
Students are expected to take

## RUSS 30100 - Advanced Russian I

Mastery of grammar in its application to writing, listening comprehension and oral expression. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 30200 - Advanced Russian II

GER
3/A
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .

## RUSS 31700 - Practical Aspects of Translation

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
$3 c r$.
-or-

## RUSS 31800 - Advanced Translation

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation. prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr .
-or-

## RUSS 31900 - Business Russian

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
plus one literature course taught in Russian.

# Track II: Russian Literature and Culture Minor 

Prerequisite

## RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr .

## RUSS 30100 - Advanced Russian I

Mastery of grammar in its application to writing, listening comprehension and oral expression. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 30200 - Advanced Russian II

## GER

3/A

Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .
and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

## Courses in Russian and Slavic Studies

## POL 10100 - Elementary Polish

POL 10100 usually not credited without POL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 6 hrs
6 cr .
POL 20100 - Intermediate Polish I
prereq: POL 10200
3 hrs
3 cr .

## POL 20200 - Intermediate Polish II

prereq: POL 20100
3 hrs
3 cr.
POL 25000 - Topics in Polish Literature

Pluralism and Diversity
PD/D
Example: the 19th century Polish novel.
3 hrs
3 cr .

POL 30000 - Independent Study in Polish Language and Literature

3 hrs
3 cr .

## RUSS 10100 - Elementary Russian

Hunter Core
World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.

## RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr .
RUSS 15500 - The Culture of Old Russia

Pluralism and Diversity
PD/D
GER
2/C

Religion, art, architecture and daily life in medieval Russia.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15600-Culture of Imperial Russia: the Age of Empresses

## Hunter Core

Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/C
Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15700 - The Age of the Great Masters

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15800 - Contemporary Russian Culture

Hunter Core<br>Individual \& Society (I\&S) Humanities<br>GER<br>2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus.
Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
$3 c r$.

RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr .

## RUSS 20200 - Intermediate Russian II

```
Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
cr.
```


## RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
6 cr.
RUSS 24500 - Russian Folklore: Slavic Myths and Traditions

Common Slavic myths, traditions and social structures.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 24600 - Special Topics in Slavic Literature and Cultures

Sample topic: fairy tales, satire.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 25000-19th Century Russian Literature in English Translation (W)

## Hunter Core

Individual and Society (I\&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

```
Hunter Core
Individual and Society Humanities (I&S) H
Pluralism and Diversity
PD/D
GER
3/A
```

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25200 - Modern Russian Literature in English Translation (W)

```
Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C
```

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25300 - Russian Theater in English Translation (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr.
RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)
Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova,

Pasternak.
prereq: ENGL 12000
3 hrs
$3 c r$.
RUSS 25500 - Russian Folklore, in Translation (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation

Pluralism and Diversity
PD/D
Examples: the Russian cinema, Nabokov.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25700 - Masterpieces of Russian Literature in English Translation

Examples: Chekhov's short stories or plays, Nabokov.
prereq: ENGL 12000
1 hr
1 cr .
RUSS 25800 - Masterpieces of Russian Literature in English Translation

Example: Pasternak's Dr. Zhivago.
prereq: ENGL 12000
1 hr
1 cr .

RUSS 25900 - Masterpieces of Russian Literature in English Translation

Examples: Solzhenitsyn's Gulag, Pushkin stories, Gogol stories.
prereq: ENGL 12000
1 hr
1 cr .
RUSS 26000 - Russian Women Writers in English Translation (W)
Hunter Core
I\&S
Pluralism and Diversity
PD/C
GER
3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)

## Hunter Core

Individual and Society (Social Science) -I\&S SS
GER
2/C

Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr .

## RUSS 29300 - Folklore in Translation: A Comparative Study

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
$3 c r$.

## RUSS 29400 - Folklore and Literature (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A
Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 29500 - The Vampire in Lore and Literature (W)

## Hunter Core

Creative Expression (CE)
GER
2/C
Comparative study of the vampire in various folk and literary traditions from ancient Greece to the $21^{\text {st }}$
century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western
European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity.
Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr .

## RUSS 29600 - Vladimir Nabokov Between Two Cultures

## Hunter Core

Creative Expression (CE)
GER
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

## RUSS 29700 - The Russian Urban Novel in English Translation (W)

## Hunter Core

I\&S
GER
3/A
The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
$3 c r$.

## RUSS 30100 - Advanced Russian I

Mastery of grammar in its application to writing, listening comprehension and oral expression.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

## RUSS 30200 - Advanced Russian II

## GER

3/A
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports.
prereq: RUSS 20200 or equiv
3 hrs
3 cr.

## RUSS 31200 - Advanced Russian Conversation I

Conversation and oral exercises; discussions based on readings of social and cultural interest. Introduction to oral interpreting.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31300 - Advanced Russian Conversation II

Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31400-Reading Russian I

Reading and critical analysis of selected literary and journalistic texts from various disciplines. Grammar review through reading. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31500 - Reading Russian II

In-depth study of syntax and idiomatic language to improve reading competency.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 31700 - Practical Aspects of Translation

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
$3 c r$.

## RUSS 31800 - Advanced Translation

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation. prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
$3 c r$.

## RUSS 31900 - Business Russian

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 32100-Russian Short Story and Novella

Pluralism and Diversity
PD/D
GER
3/A

Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 32200 - Classical Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A
Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 32300 - Modern Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A
Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

## RUSS 32400 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism

GER
3/A

Major literary works of the Kievan period, 968 to 1237: The Primary Chronicle, The Tale of Igor's Campaign. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34000-19th Century Russian Literature

## GER

3/A
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34100 - Tolstoy and Dostoevsky
Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34200 - Modern Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34300-Russian Theater

```
Pluralism and Diversity
PD/D
GER
3/A
Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov
and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.
```


## RUSS 34400 - The Silver Age of Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova,
Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

RUSS 36000 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A

Studies the contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. Readings and some writing in Russian.
cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

RUSS 37000 - Independent Study in Slavic Literatures and Cultures
prereq: ENGL 120
3 hrs
3 cr.
RUSS 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 120
3 hrs
3 cr.

Open to Russian majors only. Essay.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

UKR 30000 - Independent Study in Ukrainian Language and Literature

3 hrs
3 cr .

## Comparative Literature

## About Comparative Literature

The major in comparative literature is designed for students who are interested in a broad view of literature and in the diversity of literary cultures. The study of comparative literature considers literary movements and genres, as well as techniques and recurring themes in world literature.

The study of comparative literature prepares students for careers in teaching, interpreting, and translating, as well as those professions that recognize the importance of a broad humanistic education, including law and medicine.

## Programs and Courses

## Administration and Faculty

Program Office:
1309 West
(212) 772-5129/5120

## Coordinator:

Paolo Fasoli
1318 West
(212) 772-5159
pfasoli@hunter.cuny.edu
Faculty

Comparative Literature Faculty
HEGIS Code: 1503

## Comparative Literature - BA

## Foundational Courses

Foundational Courses include courses in Comparative Literature and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Courses CUNY Common Core Foundational or Major

ENGL 12000 English Composition (EC)Foundational
ENGL 22000 English Composition (EC)Foundational

## Major Requirements

All majors take a core course in methodology, but the remaining classes in a student's program are arranged with the coordinator in an effort to work out a balance between two different bodies of literature, two different literary periods, and two different genres. In addition to comparative literature courses in prose fiction, drama, myth and folklore, literary movements, and literature and the arts, majors may also elect appropriate classes from other literature departments, as well as from such disciplines as history, philosophy, art and anthropology, with the approval of the coordinator. Upon becoming a major, a student will, in consultation with the coordinator, choose one member of the comparative literature committee as an adviser and plan an individualized program. All majors are required to review their programs with their adviser once a semester.

## The comparative literature major consists of 30 credits distributed as follows:

## A. Concentration in at least two periods and in two genres.

## B. At least 9 credits in COMP-prefixed courses, beginning with the following

(all of these courses will be taught in English)

## COMPL 30100 - Seminar: Approaches to Comparative Literature

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary.

Required of all majors in comparative literature.
3 hrs
3 cr .

## C. 21 credits in literature courses

distributed so that at least 12 credits are courses studied in the original language (be it a foreign language, if the student is proficient in that language, or English). Courses at the 300 level are strongly preferred, although exceptions may be granted by the adviser.

## Minor for Students Majoring in Comparative Literature

A 12 credit minor is recommended for students majoring in Comparative Literature. Students will be advised by their Comparative Literature faculty mentor to choose a discipline that will complement and enrich their major field of study.

## Honors

Students are eligible for departmental honors if their GPA in the major is no less than 3.5. The student must also take at least 3 credits (but no more than 6 credits) in honors courses offered by the program and approved by the adviser. The offerings of the Comparative Literature Program are determined by the needs of students in the program and the faculty available. For specific information, consult the coordinator.

## Computer Science

## About the Department

The Department of Computer Science provides students with outstanding preparation both for employment as computer professionals and for graduate study. Students use a broad spectrum of programming languages and machine architectures and are expected to construct creative solutions to challenging problems in a variety of contexts. In addition, students are educated in the mathematics of computer science - the theoretical foundations that support current technology and will guide its future development. Students may work with faculty who engage in research, publish books and articles in highly respected journals and receive grants to pursue significant research. The department takes an active interest in students' goals and provides extensive advising and guidance.

## Programs and Courses

Programs and Courses in Computer Science

## Administration and Faculty

## Department Office:

## 1008 North

(212) 772-5213

Web site: http://www.cs.hunter.cuny.edu
Email: csinfo@hunter.cuny.edu

## Chair:

```
William Sakas
1008 North
(212) 772-5213
wsakas@hunter.cuny.edu
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## Faculty

Computer Science Faculty
HEGIS Code: 0701

## Computer Science - BA

## Foundational Courses

Foundational Courses include courses in computer science and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

One of the following (prereq to CSCI 15000):

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## CSCI 12700 - Introduction to Computer Science

## Hunter Core

Scientific World (SW)

## GER

2/E (Non lab course)
A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## Hunter Core Requirement

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major

The computer science major consists of 41 credits in CSCI courses and a collateral 14 credits in MATH/STAT courses. An additional 6 credits of foundational courses (CSCI 12700 and MATH 12500 (STEM)) may be required.

## Required Courses

All computer science majors (except those following requirements for the Computer Science with Concentration in Bioinformatics - BA ) must complete successfully the following courses with a grade of C or better:

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## CSCI 16000 - Computer Architecture I

## GER

3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .

## CSCI 26000 - Computer Architecture II

## GER

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr .
CSCI 26500 - Computer Theory I

GER
3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 34000-Operating Systems

## GER

3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
$4 c r$.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## Electives

## Students who declared their major in spring 2009 or before

Students who declared their major in or before spring 2009 are held bound by this rule: In addition to the preliminary and required courses, each major must complete 15 hours of elective credits from CSCI courses higher than 200-level with a grade of C or better. At least 12 elective credits must be in classes other than CSCI 39100 CSCI 39200 and CSCI 39300. With departmental permission, certain appropriate upper-level electives from other academic departments may be substituted. They are not required to take CSCI 49900, but may choose is as an elective.

## Students who declared their major after Spring 2009

Students who declared their major after spring 2009 take a minimum of 12 (rather than 15) elective credit hours and are required to successfully complete CSCI 49900, after having successfully completed all other required courses for the major.

## Recommended course sequence for entering freshmen without credit for pre-calculus and without prior computer programming experience:

## Term 1

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## CSCI 12700 - Introduction to Computer Science

## Hunter Core

Scientific World (SW)
GER
2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr.

## Term 2

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr.

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment.
May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr .

## Term 3

## CSCI 16000 - Computer Architecture I

## GER

3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## Term 4

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include
static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## Term 5

## CSCI 26000 - Computer Architecture II

## GER

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr.

## CSCI 33500 - Software Analysis and Design III

## GER

3/B
The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations,
applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## Term 6

## CSCI 26500 - Computer Theory I

## GER

3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
$3 c r$.

## Term 7

## CSCI 34000-Operating Systems

## GER

3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.

- 2 CSCI electives


## Term 8

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
4 cr .
and 2 CSCI electives

## Additional Information

Students with both credit for pre-calculus and prior computer programming experience can begin with Semester 2.

## Recommended course sequence for students with transfer credit for CSCI 13500, 15000 and 16000 and MATH 15000 and 15500:

## Term 1

## CSCI 23500 - Software Analysis and Design II

## GER <br> 3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr.

## CSCI 26000 - Computer Architecture II

## GER

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming. prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr .

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam

3 hrs
3 cr.

## Term 2

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 26500 - Computer Theory I

## GER

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## Term 3

## CSCI 34000-Operating Systems

## GER

3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300

3 hrs
3 cr .

- 2 CSCI electives


## Term 4

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor. 4 hrs
4 cr.

- and 2 CSCI electives


## Minor in Computer Science

A minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses - note that MATH 12500 (STEM) is a prerequisite course to CSCI 12700 however MATH 125 does not count towards the Computer Science Minor:

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## CSCI 13300 - Programming for Everyone

## Hunter Core

Scientific World (SW)
GER
2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

## CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## CSCI 23300 - Programming Projects Seminar for Minors

This course will serve as a capstone for the minor, affording students the opportunity to write reasonably large and complex programs. Students will be expected to draw topics for these programs from their majors or other areas of interest. This course does not count toward the computer science major.
prereq or coreq: CSCI 13300 and 23200 and a declared Computer Science Minor.
2 hrs.
1 credit

In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 13500 or above. Although minors may take any Computer Science course numbered 135 or above, courses that require only one or more of the above courses as prerequisites include:

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr.

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment. May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## CSCI 16000 - Computer Architecture I

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## CSCI 26700 - Microprocessors and Embedded Systems

## GER

3/B
Students will assemble and program a small single board computer to control, or simulate control of, some device.
prereq: CSCI 13300 or 26000
3 hrs
3 cr .

## Note

All prerequisites must be fulfilled for any CSCI course. The only exception is a written waiver from the instructor.
Prospective minors should be aware that this course of study usually requires a minimum of four semesters to complete.

## Please note

Computer science majors cannot choose computer science for their minor.

## Minors for Computer Science Majors

Hunter College does not requires students to take a minor field of study in conjunction with their major. Nevertheless, we encourage students to pursue a minor. Interested students may wish to combine a computer science major with a minor in such fields as mathematics, geography, economics, film and media. In fact most disciplines would be appropriate as a minor depending on the student's interests.

Consult and adviser in the department of the minor you wish to pursue for further information.

## Honors

To graduate from Hunter College with honors in computer science, a student must have at least a 2.7 GPA overall and a 3.5 GPA or better in computer science/math and a grade of A in one of the CSCI 49300 series of courses.

## Additional Information

The "one repeat" rule is in effect for all courses to be used toward the major, from CSCI 13500 through the 400 -level courses. This means that if a student fails a CSCI major course once (failure = D, F, NC, WU), that student will have only one more chance to pass the course. In addition, the Computer Science Department will not accept a CR grade in any of the preliminary or required courses for the major (CSCI 13500, CSCI 15000, CSCI 16000, CSCI 23500, CSCI 26000 , CSCI 26500 ,CSCI 33500 , CSCI 34000 , CSCI 36000). Any student wishing to declare computer science as a major who has received a grade of CR in any of the CSCI courses listed above, must ask the instructor of that course to change the CR grade to the appropriate letter grade. This must be done before the declaration of major form can be authorized.

Please note: A grade of " $D$ " is not considered a passing grade by this department for any of the computer science or math courses required for the major.

## Computer Science with Concentration in Bioinformatics - BA

## Return to Programs and Courses in Computer Science

This course of study will provide computer science majors with a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics, and computer science, with an emphasis on quantitative reasoning. Students opting to concentrate in bioinformatics are not required to take CSCI 26000, and CSCI 36000. Instead of 15 hours of 300-level and 400-level elective credits, the following requirements must be met:

## Foundational Courses

Foundational Courses include courses in computer science and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

MATH 15000 (STEM) - Calculus with Analytic Geometry I

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor. prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment.
May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## Hunter Core Requirement

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## I. Required Foundational Courses (6 credits)

## CSCI 12700 - Introduction to Computer Science

## Hunter Core

Scientific World (SW)

## GER

2/E (Non lab course)
A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .
A student may declare a concentration in bionformatics upon successful completion CSCI 13500 when declaring computer science as a major field of study.

## II. Required Courses for Concentration in Bioinformatics

Students must obtain a grade of C or better in the following courses:

## A. Computer science component 24 credits

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## CSCI 16000 - Computer Architecture I

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.

## CSCI 23500 - Software Analysis and Design II

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .

## CSCI 26500 - Computer Theory I

GER
3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata. prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr.

## CSCI 34000-Operating Systems

## GER

3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## CSCI 43500 - Database Management

## GER

3/B
Hierarchical and network databases; theory of relational databases; normalization theory; query languages.
prereq: CSCI 33500
3 hrs
3 cr .

## CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.

```
prereq: CSCI 13500 and CSCI 23200 or CSCI43500, or permission of the instructor
3 hrs
3cr.
```


## B. Math and statistics component 17 credits

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.
MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B
Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

## C. Biology component 12 credits

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 42500 - Computational Molecular Biology

## GER

3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
$3 c r$.

## D. Chemistry component 12 credits

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core <br> Scientific World (SW); Life and Physical Sciences (LPS) <br> GER <br> 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .
Total credits for Bioinformatics Concentration: 65

Total Credits for a students who is not exempted from any foundational classes: 71

## Additional Information

Prerequisites for certain courses are waived for students opting for this concentration. BIOL 102 is waived for BIOL 203. CSCI 26000 is waived for CSCI 34000 . Other prerequisites must be satisfied. Students who plan to apply to graduate school in Computer Science are recommended to take CSI 26000, 36000 and 36500.

## Recommended course sequence for students in the bioinformatics concentration:

## Term 1

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr.
MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning

GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## Term 2

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment. May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr .

## Term 3

## CSCI 16000 - Computer Architecture I

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
$3 c r$.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## Term 4

## CSCI 23500 - Software Analysis and Design II

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .
MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.

## Term 5

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## Term 6

## CSCI 26500 - Computer Theory I

## GER

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata. prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 34000-Operating Systems

## GER

3/B
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## Term 7

## CSCI 43500 - Database Management

## GER

3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.
prereq: CSCI 33500
3 hrs
3 cr .

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B
Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor). Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## Term 8

## CSCI 49366 - UNIX System Programming

## GER

3/B

An introduction to the key components of the UNIX application programming interface, including files, processes, terminal control, signals, interprocess communication, the ncurses library, and multi-threading. Includes basic of the internal structure of the UNIX operating system, and selected user-level utilities and commands for efficient programming and working in UNIX.
prereq or coreq: CSCI 23500, 34000
3 hours
3 credits

## BIOL 42500 - Computational Molecular Biology

## GER

3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.
Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

## Minor in Computer Science

An applied minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses - note that MATH 12500 is a prerequisite course to CSCI 12700 however MATH 125 does not count towards the Computer Science Minor:

- CSCI 12700 - Introduction to Computer Science ( 3 credits, 3 hours)
- CSCI 13300 - Programming for Everyone ( 3 credits, 3 hours)
- CSCI 23200 - Relational Databases and SQL Programming, with Lab (3 credits, 3 hours)
- CSCI 23300 - Programming Projects Seminar for Minors (1 credit, 2 hours)

In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 135 or above. Although you may take any Computer Science course numbered 135 or above, courses that require only one or more of the above courses as prerequisites include:

- CSCI 13500 - Software Analysis and Design I (3 credits , 3 hours) and CSCI 13600 - Supervised Programming Lab (1 credit, 2 hours)
- CSCI 15000 - Discrete Structures (4 credits, 4 hours)
- CSCI 26700 - Microprocessors and Embedded Systems (3 credits, 3 hours)
- CSCI 16000 - Computer Architecture I ( 3 credits, 3 hours)


## Dance

return to Section XI: School of Arts and Sciences

## About the Department

The Hunter College Dance Department offers an opportunity to pursue a BA degree in dance with in the context of a strong liberal arts education. From a campus in the heart of New York City, the dance major or minor student has the unique opportunity of interfacing with many professional dance companies, choreographers and researchers who live and work in New York. The contemporary dance-based curriculum provides the student with the opportunities to pursue careers in performance, choreography, teaching, arts administration and production and is unique in its focus on individual creativity and reflection. All dance majors are required to choreograph, perform, and participate actively in the close-knit artistic community. The curriculum is enriched by community outreach performances, repertory classes with New York-based choreographers, guest artist workshops, and internship opportunities. Through our collaboration with Hunter's School of Education, students can also pursue BA or BA/MA degrees in Dance Education, leading to initial certification as a teacher in New York State.

The Dance major emphasizes three areas of study:

- Movement Practice: modern/contemporary dance, ballet, urban dance forms, traditional global dance forms, yoga.
- Creativity \& Performance: improvisation, dance composition, repertory, production, lecture-demonstration touring company, and participation in annual dance department concerts.
- Dance Studies: musicianship for dancers, dance history, teaching methods, anatomy and kinesiology, special topics in dance.


## Course Listings

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework is completed in time for graduation.

## Programs and Courses

Programs and Courses in Dance
Dance Education Pre-K-12

## Administration and Faculty

## Department Office:

614 Thomas Hunter
(212) 772-5012

Web site: http://www.hunter.cuny.edu/~dance/
Interim Department Chair:

## Carol Dilley

614 Thomas Hunter
(212) 772-5010

## Faculty

Dance Faculty
HEGIS Code: 1008

## Dance - BA

## Foundational Courses

Foundational Courses include courses in dance and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. All students must take a technique placement class prior to the beginning of each semester in order to gain permission for registration. Students should check the department website for placement class dates.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on
the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

In the case of Dance, the courses that meet CCC are:

## Courses CUNY Common CoreFoundational or Major

DAN 23200 Creative Expression Foundational
DAN 10200 Creative Expression Foundational

## The following 34 -credit curriculum is required of all majors.

Note: All dance technique classes may be taken two times for credit.

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

## DAN 21000 - Contemporary Dance Technique I

## GER

3/A
Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .
DAN 21300 - Basic Musicianship for Dancers

GER
3/A
Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 21000
3 hrs
2 cr .
DAN 22000-Contemporary Dance Technique II

GER
3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design.
Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr .

DAN 22100 - Improvisation as a Creative Process I
GER
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .
DAN 23200-20th-Century Dance History

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
3 cr .
DAN 24500 - Ballet I

## GER

3/A
Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
$2 c r$.
DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity

GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.
prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

## DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity

GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department
4 hrs
$2 c r$.

## DAN 32100 - Composition I

## Pluralism and Diversity

GER 3/A
Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.
prereq: DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr .

## DAN 32400 - Production I

## GER

3/A
Practical experience in all aspects of production that contribute to realization of student's choreographic intentions: costumes, sets, lighting, publicity and business skills.
prereq: DAN 32200 or perm dept.
$3 \mathrm{hrs}, 3 \mathrm{hrs}$ open studio
3 cr .

## DAN 34500 - Ballet II

## GER

3/A
Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
$2 c r$.

## DAN 35000 - Anatomy and Kinesiology for Dancers

## GER

3/A
Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, perm dept.
3 hrs
3 cr .

## DAN 42200 - Choreographic Projects

## GER

3/A
Independent student choreographic works in preparation for performance in concert. Registration once per academic year.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32100
4 hrs
3 cr .

## DAN 44000 - Lecture/Demonstration Touring Group

## GER

3/A
Performance of prescribed choreography in lecture/ demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, 22100, 24500, perm dept.
4 hrs
3 cr .

## Major

A placement audition is required of all incoming majors. All dance majors are required to be registered in at least one technique class every semester they are in attendance at Hunter. Performance, choreography and technical production requirements are to be fulfilled prior to graduation. These requirements include:

1. Performance in at least two (2) concerts.
2. Choreography of at least two (2) works:
a. solo performed in open composition.
b. group work developed during fall and spring semesters and performed in formal concert.
3. Production crew work in two (2) formal concerts.

Note: All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

## Policy on advancement through the technique curriculum

All dance students should be aware that completion of a dance technique course for a passing grade does not automatically guarantee acceptance into the next level of technique. For example, if you pass the Fundamentals of Contemporary Dance course, you may not necessarily be admitted to Contemporary Dance Technique I.

Your instructor will, at the end of the current course, advise you to either repeat the course for credit or to move on to the next level. (You can take technique courses twice for credit, and it is also possible to audit thereafter.) It is neither safe nor constructive to place yourself in a class that is not appropriate for your skill level. The quality of your dance education is of utmost importance to us - this policy is designed to maintain the highest standards of learning and achievement.

All dance majors are required to register for at least one technique course every semester they are enrolled at Hunter College.

## Additional Information

The undergraduate adviser suggests the appropriate sequence of electives for the career specialization the student chooses.

## Prerequisites for all dance majors:

Attendance at placement class audition prior to the beginning of the semester.
Meeting with Dance Adviser prior to declaration of major.

## Dance Education

Students planning to teach Dance in Pre-K through 12th grade should look at Dance Education Pre-K - 12 of the The School of Education for requirements and program.

## Minor in Dance

The Hunter College Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field.

## Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

## DAN 10100 - Fundamentals of Contemporary Dance Technique

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation. prereq: minimum 12 cr.
3 hrs
2 cr .

## DAN 10200 - Dance, Dancers and the Audience

## Hunter Core

Creative Expression (CE)

## Pluralism and Diversity

## GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
3 cr .

## Additional required courses

DAN 21000 - Contemporary Dance Technique I

## GER

3/A
Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .
DAN 22100 - Improvisation as a Creative Process I

GER
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .

1 additional dance technique course, selected from the following:

## DAN 14500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
$2 c r$.

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

## DAN 22000 - Contemporary Dance Technique II

## GER

3/A
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr .

## DAN 24500 - Ballet I

## GER

3/A
Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
2 cr .

## DAN 25200 - Special Topics: Traditional Dance I

## Pluralism and Diversity

GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: placement class
4 hrs
2 cr .

## DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity <br> GER 3/A

Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.
prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

## DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity

GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department
4 hrs
2 cr .

DAN 34500 - Ballet II

GER
3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
2 cr .

DAN 35200 - Special Topics: Traditional Dance II

## Pluralism and Diversity

PD/A
GER
3/A

Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr .

Plus a minimum of 6 additional credits in dance

A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):
Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)

## Additional Requirements of the Dance Minor

Participation on one production crew team for a fully produced dance program concert.
Performance in at least one Hunter dance concert.

## Note:

Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

## Grading

All dance majors and minors must receive a letter grade for all dance classes. Grades of "NC" or " CR " are not permissible.

## Minor in Dance

The Hunter College Dance Program Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field, from performance and creative work to analysis, production and pedagogy.

## Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

## DAN 10100 - Fundamentals of Contemporary Dance Technique

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
2 cr.

## DAN 10200 - Dance, Dancers and the Audience

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
GER 2/D
Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
3 cr .

## Additional required courses

## DAN 21000 - Contemporary Dance Technique I

## GER <br> 3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .

## DAN 22100 - Improvisation as a Creative Process I

## GER

3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .
1 additional dance technique course, selected from the following:
DAN 14500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
2 cr .

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

## DAN 22000 - Contemporary Dance Technique II

## GER

3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design.
Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr.

## DAN 24500 - Ballet I

## GER

3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
2 cr .

## DAN 25200 - Special Topics: Traditional Dance I

## Pluralism and Diversity

GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department
prereq: placement class
4 hrs
2 cr .

## DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity <br> GER 3/A <br> Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.

prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity <br> GER 3/A <br> Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department. <br> prereq: DAN 31000, permission of department <br> 4 hrs <br> 2 cr .

DAN 34500 - Ballet II

GER
3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
2 cr .

## DAN 35200 - Special Topics: Traditional Dance II

## Pluralism and Diversity

PD/A
GER
3/A

Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr .

## A minimum of 6 additional credits in dance

A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):
Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)

## Participation on one production crew

Participation on one production crew team for a fully produced dance program concert

## Note:

Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

## Economics

About the Department<br>Department Description<br>Programs and Courses<br>Programs and Courses in Economics<br>Administration and Faculty<br>\section*{Department Office:}<br>1524 West<br>(212) 772-5400<br>Web site: http://econ.hunter.cuny.edu<br>Acting Chair:<br>Partha Deb<br>1529 West<br>212-772-5435<br>partha.deb@hunter.cuny.edu<br>Director of Accounting Program:<br>Fatma Cebenoyan<br>1521 West<br>212 772-5393<br>fcebenoy@hunter.cuny.edu

Faculty

## Accounting - BS

The degree of bachelor of science (accounting) offered at Hunter College fulfills educational requirements for the CPA examination in New York State. Candidates pursuing licensure in New York State will need to complete 150 college credits including ACC 49000 - Accounting \& Auditing Research. An appropriate masters degree, while not required, is another path to licensure. For information on the MS in Accounting at Hunter College, see the Hunter College Graduate Catalog.

All students contemplating a career in accounting should request an interview with the accounting program adviser during the lower freshman term. To assure completion of the BS (accounting) degree within four years, a full-time student should begin the accounting major sequence in the upper freshman term, if possible, and no later than the lower sophomore term, by registering for ACC 27100.

## Hunter Core Requirement

Note: Several courses leading to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

In the case of the accounting major, the courses that meet CCC are:

| Course | CUNY Common Core |
| :--- | :--- |
| MATH 12500 (STEM) | Math/Quantitative Reasoning |
| MATH 15000 (STEM) | Math/Quantitative Reasoning |
| ECO 20000 | Scientific World |
| ECO 20100 | Individual and Society |

Please note that no more than two courses from any one department will count for the CUNY Common Core.

## Foundational Courses (0-7 credits)

## MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.
(depending on results of Math placement exam) (3 credits)

## MATH 12500 (STEM) - Precalculus

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .
(depending on results of Math placement exam) (4 credits)

## Major

The Department of Economics offers a major leading to the BS in accounting, requiring a minimum of 34 credits of accounting, 33 credits of other professional studies and an additional 7 credits of Allied required courses. Details are outlined below.

## Grade Options

Students enrolled in the BS (accounting) curriculum may not use CR/NC grades for the 34 accounting credits in the accounting major.

## Progression in the Major

Students who have not completed the prerequisites with a grade of C, CR or better will not be allowed to register for the course for which the prerequisites are required. ECO 22100 is required for the major and must be completed with a grade of C, CR or better to be accepted for credit toward fulfillment of the major.

## Allied Required Courses (7 credits)

## ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
$3 c r$.
MATH 15000 (STEM) - Calculus with Analytic Geometry I

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## Professional Studies (67 cr)

## Accounting (34 cr)

## ACC 27100-Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr .

## ACC 27200 - Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis. efffective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
$3 c r$.

## ACC 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
3 cr.

## ACC 37200-Intermediate Accounting II

Revenue recognition; accounting for equities, income taxes, pensions, leases, price level changes.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better.
3 hrs
3 cr .

## ACC 37300 - Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100, all with a grade of C or better
3 hrs,
3 cr .

## ACC 37400 - Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better
3 hrs
3 cr .

## ACC 47100 - Advanced Accounting I

Accounting for branches and business combinations. Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .

## ACC 47200-Advanced Accounting II

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy. effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .

## ACC 47300 - Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 and ACC 37300 all with a grade of C or better 3 hrs
3 cr .

## ACC 47500 - Auditing

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Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
prereq or coreq: ACC 47100 with a grade of C or better
4 hrs
4cr.
```

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.
prereq: ECO 22100
prereq or coreq: ACC 47500
3 hrs
3 cr .

## Additional Information

An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in these 34 credits.
Students who receive a grade of "D" or lower in any of the eleven required Accounting courses in the
Professional Studies Requirement will be allowed to repeat the course only once. In total, students may repeat no more than three Accounting courses for which they received a grade of "D" or lower. Students who exceed this allowed number of course repeats will be dismissed from the BS program in Accounting. The Academic Adviser for the BS program in Accounting may, under extraordinary circumstances, make exceptions to this rule.

## Other Professional Studies (33 cr)

## Business Law (6 cr)

## ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.
prereq: sophomore standing or perm chair
3 hrs
3 cr .

## ACC 38000 - Business Law II

Legal aspects of business organizations; agency, partnership and corporate relationships.
prereq: ACC 28000
3 hrs
3 cr .
Statistics (3 cr)

## ECO 22100-Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .
note: For students already at or beyond this point when they become majors, the course should be taken within the first $\mathbf{1 2}$ credits following declaration of the major.

Finance ( 6 cr )

Select two of the following courses:

## ECO 21000 - Money and Banking

## GER

3/B

Monetary and banking principles and practice; current issues; theory and policy.
prereq: ECO 20000, 20100
3 hrs
3 cr .

## ECO 36500 - Corporate Finance

Pluralism and Diversity
GER 3/B
GER
GER 3/B

Analysis of corporate investment and financing decisions.
prereq: ECO 20000 and either ECO 22100 or STAT 21300
3 hrs
3 cr .

ECO 36600-Security and Investment Analysis

## GER

GER 3/B

Operation of the stock market; security analysis and evaluation; economic variables influencing security values. prereq: ECO 36500
3 hrs
3 cr .

## ACC 36700 - Analysis of Financial Statements

GER
GER 3/B

Analysis, interpretation, and use of financial statements.
note: This course does not count as an elective towards the Economics major.
prereq: ECO 37200 and ECO 36500 or adviser's permission
3 hrs
3 cr .

## Business Core-Required (6 cr) <br> ECO 20000 - Principles of Microeconomics

Hunter Core<br>Scientific World (SW)<br>GER<br>2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr.

- One course in computer science
note: ACC 47600 - Computer Accounting Systems is strongly recommended.


## Business elective (12 cr)

Choose four courses from the following:

## ECO 26000 - Business Organization and Management

## GER

3/B

The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.
prereq: ECO 20000
3 hrs
3 cr .

- Any 300- or 400-level ACC or ECO courses (ACC 48000 is strongly recommended)


## Additional Information

Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work. For students already at or beyond this point when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the major requirement of MATH 15000 and/or ECO 22100 upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

## Total Credits 74

Total major credits required 67

## Allied Required Courses 7

# (Additional foundational courses 0-7 credits, depending on Math placement) 

## Minor in Accounting

A Minor in Accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

## Interdepartmental Fields

Students may take courses in economics as part of an interdepartmental program of study in Latin American and Caribbean studies, environmental studies (geography), women's and gender studies and Jewish studies. Listings in each area discuss recommended courses.

## Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

## Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

## ECO 49900 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Supervised individual research and directed reading. Honors essay.
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr.

## Economics - Accelerated BA/MA

The Department of Economics offers promising students the opportunity to complete both the BA and MA degrees within 120 credits, 30 of which must be at the graduate level.

Students who wish to declare the BA/MA major must have a 3.0 average in Economics and in the cumulative index.
A minimum grade of $B$ in the following, or their equivalents

## ECO 30000 - Intermediate Microeconomics

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr.

## ECO 32100 - Introduction to Econometrics

GER
3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq: ECO 22100, MATH 15000
3 hrs
3 cr.

## A minimum grade of $C$ in the following, or their equivalents

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
Continuing in the program is contingent upon maintaining a 3.0 GPA in economics and the cumulative index and receiving

## A minimum grade of $B$ in

## ECO 30100 - Intermediate Macroeconomics

## GER

3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .
An average grade of $B$ in

MATH 15000 (STEM) - Calculus with Analytic Geometry I

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## All students in the BA/MA program must complete the following, or their equivalents, as well as the courses listed above

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .
Additional Information

An undergraduate major in economics is normally required. Thomas Hunter Honors Program students may be admitted without declaring an undergraduate economics major, provided that the above courses are completed. To apply, see the graduate adviser.

## Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

Note: Students enrolled in the BA/MA program may substitute enrollment in ECO 798 and an MA thesis for ECO 49900 and the Honors paper.

## Economics - BA

## Foundational Courses

Foundational Courses include courses in Economics and prerequisites to these courses. These courses must be completed early in the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

Courses CUNY Common Core Foundational or Major
MATH 12500 Math \& Quantitative ReasoningFoundational
MATH 15000 Math \& Quantitative ReasoningFoundational
ECO 20000 Scientific World Foundational
ECO 20100 Individual \& Society Foundational
*Note: Please note MATH 12500 may not need to be taken; it is dependent upon math placement exam.

## Majors

The Department of Economics offers two Economics majors. The first, discussed below, is the Economics - BA, requiring a minimum of 24 credits beyond the foundational courses. In addition, for motivated students, the department
offers the opportunity to complete both the BA and MA degrees simulataneously, where 30 of the 120 credits required for graduation are graduate credits. Students interested in this option should follow the link below.

Economics - Accelerated BA/MA

## Grade Options

The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than CR/NC.

## Major- 24 credits

Students majoring in economics must take:

## A. Courses Preliminary to the Economics Major

## ECO 20000 - Principles of Microeconomics

## Hunter Core

Scientific World (SW)
GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr.
These courses must be completed with a grade of C, CR, or better to serve as prerequisites for courses credited to the major.

## Additional Information

Although required, neither ECO 20000 nor ECO 20100 are counted as part of the 24 credits in the major. While it is preferable to start with ECO 20000, students may begin the study of economics with either ECO 20000 or ECO 20100. If they wish a one-semester survey before embarking on the principles courses, they may take ECO 10000, but this is not required. If taken, ECO 10000 cannot be substituted for either ECO 20000 or 20100 or credited toward the major.

## B. Core of the Economics Major

## ECO 22100 - Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

## ECO 30000 - Intermediate Microeconomics

## GER

3/B
Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .

## ECO 30100 - Intermediate Macroeconomics

## GER

3/B
Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .

## ECO 32100 - Introduction to Econometrics

## GER

3/B
Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq: ECO 22100, MATH 15000
3 hrs
3 cr .
*ECO 22100 must be completed with a grade of C, CR or better to be accepted for credit towards the major and to serve as prerequisites for other courses in the major.

## C. Allied Required Course

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
*MATH 15000 must be completed with a grade of C, CR or better to be accepted for credit towards the major and to serve as prerequisites for other courses in the major.

## Additional Information

Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 30000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

## D. Elective courses

The remaining 12 credits needed to complete the 24 -credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more than 3 credits may be at the 100 -level (note: ECO 10000 cannot be counted.)

## Minor in Economics

The economics minor consists of a minimum of 12 credits, including

## ECO 20000 - Principles of Microeconomics

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS

## GER

2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .
and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

## Interdepartmental Fields

Students with majors in other departments may take courses in economics as part of an interdepartmental program of study in public policy, Latin American and Caribbean studies, environmental studies (geography), women's and gender studies and Jewish social studies. Listings in each area discuss recommended courses.

## Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

## Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

## ECO 49900 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Supervised individual research and directed reading. Honors essay.
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5
GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr.

## Public Policy

Economics majors may find both the minor and the Certificate Program in Public Policy of particular interest.

## Minor in Accounting

A minor in accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

## The Minor consists of 15 credits

with the following required courses:

## ACC 27100-Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr.

## ACC 27200-Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.
efffective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr .
and Three of the following courses for the Financial Accounting Track 1

## ACC 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
$3 c r$.

## ACC 37200-Intermediate Accounting II

Revenue recognition; accounting for equities, income taxes, pensions, leases, price level changes.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better.
3 hrs
3 cr.

## ACC 37400 - Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better
3 hrs
3 cr.

## ACC 47100 - Advanced Accounting I

Accounting for branches and business combinations. Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .
or Three of the following courses for the Law and Taxation Track 2 (ECO 37300 strongly recommended)

## ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.
prereq: sophomore standing or perm chair
3 hrs
3 cr .

## ACC 37300 - Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100, all with a grade of C or better
3 hrs,
3 cr .

## ACC 38000 - Business Law II

Legal aspects of business organizations; agency, partnership and corporate relationships.
prereq: ACC 28000
3 hrs
3 cr .

## ACC 47300 - Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 and ACC 37300 all with a grade of C or better
3 hrs
3 cr .

## ACC 48000 - Business Law III

Sales and financing devices under Uniform Commercial Code; property; trusts and estates; bankruptcy; other selected topics.
prereq: ACC 38000
3 hrs
3 cr.

## Minor in Economics

The economics minor consists of a minimum of 12 credits, including ECO 20000 - Principles of Microeconomics, ECO 20100 - Principles of Macroeconomics and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

## English


#### Abstract

About the Department

The English Department offers students a variety of courses in the study of literature, literary theory, composition, rhetoric, linguistics and creative writing . The Department is interdisciplinary in its offerings, with a diverse faculty whose areas of research and approaches to teaching offer Hunter students a wide spectrum of historical, post-modern, theoretical, textual, and socio-cultural approaches to literary study, rhetoric and composition, linguistics and language, and creative writing. The department encourages disciplined, original thinking and writing while its small classes promote learning through stimulating discussions.

Introductory and intermediate courses present a wide range of literary forms, periods and genres. Students who major in English choose one of five concentrations: Literatures, Language and Criticism; Creative Writing; Adolescent Education (a concentration designed for prospective high school teachers), English Language Arts and Linguistics and Rhetoric. Qualified students may enroll in honors seminars and tutorials. The English Department participates in Hunter's interdisciplinary programs in Asian American Studies, Comparative Literature, Women's and Gender Studies, and Religion. The English major provides a foundation for careers in writing, teaching, journalism, publishing, law, business, or any other career that depends on the ability to read analytically and write effectively.


ENGL 22000 - Introduction to Writing about Literature (W) is a prerequisite for all literature courses numbered above 22000 in the English Department. Students who plan to major in English should take no more than 6 credits past ENGL 22000 before declaring the major.

ENGL 30000 - Introduction to Creative Writing is a prerequisite for all 300 - and 400 - level writing courses (except ENGL 30100). Students must pass this course with a minimum grade of B to major in creative writing.

## Programs and Courses

Programs and Courses in English

## Administration and Faculty

## Department Office:

1212 West
(212) 772-5070

Web site: http://www.hunter.cuny.edu/~english

## Chair:

Sarah Chinn<br>1212A West<br>(212) 772-5178<br>sarah.chinn@hunter.cuny.edu

Deputy Chair:

Angela Reyes<br>1232 West<br>(212) 772-5076<br>arreye@hunter.cuny.edu

Faculty

English Faculty
HEGIS Codes: 1502

## Concentration in Creative Writing (39 cr)

## Return to Programs and Courses in English

The concentration in Creative Writing is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 25200 Introduction to Literary Studies, five required courses in literature, and at least four creative writing workshops.

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## B.A. in English: Concentration in Creative Writing

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major

ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr .

## B. Five Required Literature Courses (15 cr)

## 1. Required Course

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following courses in American Literature

ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A
Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr.
-or-

## ENGL 39700 - Pre-20th Century American Poetry

GER
3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .

## 3. One course chosen from the following courses in Multi-Ethnic or Transnational Literatures written in English

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000

3 hrs
3 cr .
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

```
Pluralism and Diversity
P&D A
GER
3/A
```

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

```
prereq: ENGL 22000
```

3 hrs
$3 c r$.
-or-

## ENGL 32700 - Topics in Caribbean Literature (W)

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## 4. One course chosen from the following courses in Literary Theory, Linguistics,

 or Rhetoric
## ENGL 30600 - Literary Theory (W)

```
GER
3/A
Major theories of literature, with emphasis on contemporary trends. prereq: ENGL 22000
3 hrs
3 cr .
```

-Or-

## ENGL 33000-Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory
is introduced as part of the analysis of the relationship of language and education, social mobility and power. prereq: ENGL 22000
3 hrs
$3 c r$
-or-

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34000 - History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr
5. One 300- or 400-level English course with a focus on literature or rhetoric before 1800

Note:

1. Students may use a period appropriate Honors Seminar to satisfy this requirement. Students may not use ENGL 33800 or ENGL 39500 to satisfy this requirement.
2. Topics courses must conform to the pre-1800 period requirement. Consult individual course descriptions or an English advisor for guidance.
Students may choose from among the following English courses:

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

```
Pluralism and Diversity
PD/C
GER
3/A
```

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr .

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32200 - Topics in Gender and Sexuality in Literature

## Pluralism and Diversity

PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32300 - Topics in Asian American Literature

## Pluralism and Diversity

PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr .

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32700 - Topics in Caribbean Literature (W)

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

## GER

3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English. prereq: ENGL 22000
3 hrs
3 cr.
ENGL 33300 - Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33500 - Chaucer

Pluralism and Diversity
PD/D
GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33600 - Medieval Literature (1100-1500)

## GER

3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33700 - Literary Aspects of Folklore

## GER

3/A

Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20 $0^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 34200 - Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34700 - Language and Ethnicity

## Pluralism and Diversity

PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 35000-Renaissance Drama

```
Pluralism and Diversity
GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors
may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 35100 - The Age of Elizabeth I

## Pluralism and Diversity

PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35200 - Shakespeare Survey

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35300-Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35400 - Shakespeare II

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of works from second half of Shakespeare's career. prereq: ENGL 22000
3 hrs
3 cr .
ENGL 35500 - Topics in Shakespeare (W)

GER
3/A
Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew

Marvell.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36000 - The 17th Century

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
$3 c r$

## ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 36500 - The Later 18th Century

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36800 - The 18th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A
A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37100-Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 37200-Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A
Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38300 - Topics in Renaissance Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38400 - Topics in Restoration and 18th Century Literature

## GER

3/A
Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A
Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

3 hrs
3 cr .

## ENGL 38700-Topics in British and/or Irish Fiction

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D ; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A
Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39400 - World Literature: Drama

## GER

3/A
Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39800 - Topics in American Fiction

## Pluralism and Diversity

PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A
Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic. prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
$3 c r$.
ENGL 49000 - Advanced Topics Seminar

Focused study of and research on selected authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated for credit if a different topic is taken.
prereq: ENGL 22000; ENGL 25200; completion of at least 24 credits in the major with a minimum GPA of 2.0
3 hrs.
3 cr.

## ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.

## C. Four Required Creative Writing Workshops (12 cr)

## 1. All students who are planning to concentrate in Creative Writing must first take:

## ENGL 30000 - Introduction to Creative Writing

## GER

3/A
An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .
(and pass it with a grade of B or higher)
2. Students must then take 3 more creative writing workshops from the following, at least one of which must be a level-II workshop.

Note: Students may repeat level-II workshops once for credit. Students may not take a Level-II Workshop without first taking the Level-I Workshop in that genre. Students may not take ENGL 484 without first taking a Level-II Workshop in that genre.

## ENGL 30800 - Workshop in Non-Fiction I

## GER

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr.

## ENGL 30900 - Workshop in Non-Fiction II

## GER

3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
3 cr.

## ENGL 31100 - Workshop in Fiction I

## GER

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.
prereq: ENGL 30000
3 hrs
3 cr.

## ENGL 31300 - Workshop in Fiction II

## GER

3/A

A continuation of ENGL 31100, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31100
3 hrs
3 cr .

## ENGL 31400 - Workshop in Poetry I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.
prereq: ENGL 30000

3 hrs
3 cr .

## ENGL 31600 - Workshop in Poetry II

## GER

3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31400
3 hrs
3 cr .

## ENGL 48400 - Special Studies Seminar

## GER

3/A

Topics in British and American literature or linguistics. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
3 hrs
3 cr .
(offerings vary and may include: Advanced Workshop in Poetry; Advanced Prose Writing; Narrative Forms: Strategies in Fiction; or The Art of Revision: Poetry and Fiction - See the Department web page each semester for current information.)

## D. Three Electives (9 cr.)

Electives may be chosen from any of the department's 300 -or 400-level courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). In special cases, full-time faculty may find it appropriate to supervise a student who is interested in taking on an individual creative project for 3 credits; this option is listed in the catalogue, and in semester-by-semester class postings, as ENGL 48500: Independent Tutorial Study. Successful completion of such a course may also, if arranged beforehand, qualify as an Honors course. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both.
Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in English Language Arts (39 cr.)

## Return to Programs and Courses in English

The concentration in English Language Arts is designed to provide students with experience in the study of literature, language, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. The English department strongly recommends that students choose at least one Language, Writing, or Modern/Contemporary Literature elective course.

This concentration consists of five parts:
Note: Double majors may count the course toward the requirements for only one of their majors. Students wishing to take a 300 -level course that is not listed below must get prior written consent from an English advisor, and any such course is subject to the pre-requisites of the department in which the course is taken. Students also enrolled in the QUEST major may satisfy one of their ELA elective requirements by taking any Art History, Music History, Theatre, or Dance History course. Taking one of these courses will also satisfy 3 credits of the QUEST Arts Distribution requirement. This option is available only to ELA majors who are also majoring in QUEST.

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## B.A. in English: Concentration in English Language Arts

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major


## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr .
B. Four Required Literature Courses (12 cr.)

## 1. Three Required Courses

ENGL 30500 - Studies in Children's Literature

GER
3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A
Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from among the following courses in American Literature (3 cr)

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James,

Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-Or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .
C. Two Required Language and/or Rhetoric Courses (6 cr.)

## 1. Required Course

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from among the following ( 3 cr ):

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power. prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34000 - History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34200 - Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## D. Two Required Courses in Writing (6 cr.)

## 1. Required Course

## ENGL 30100 - Theory and Practice of Expository Writing

## GER

3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories. prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from among the following (3 cr):

## ENGL 30000 - Introduction to Creative Writing

## GER

3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300 -level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 30800 - Workshop in Non-Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr .
-or-

## ENGL 34100 - Rhetorical Principles of Expository Writing

GER
3/A

This course will focus on the relationship between rhetorical principles and academic writing.

3 hrs
$3 c r$.
Note: Students must take ENGL 30000 or 30100 before taking ENGL 30800.

## E. Four Electives (12 cr.)


#### Abstract

Students may choose from among 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). It is strongly recommended that students consider choosing either a Modern/Contemporary Literature, Linguistics, Rhetoric, or Writing course to fulfill one of the Elective requirements. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both.


NOTE: Students also enrolled in the QUEST major may satisfy one of their ELA elective requirements by taking any Art History, Music History, Theatre, or Dance History course. Taking one of these courses will also satisfy 3 credits of the QUEST Arts Distribution requirement. This option is available only to ELA majors who are also majoring in QUEST. To take a 300 -level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in English: Preparation for Secondary School Teaching (39 cr)

## Return to Programs and Courses in English

The concentration in English: Preparation for Secondary School Teaching is designed to prepare students to teach English in grades 7-12 by providing a foundation in British, American, and Multi-Ethnic literatures, as well as writing and language studies. Students choosing this concentration take ENGL 252 Introduction to Literary Studies, 18 credits of required literature courses, 6 credits of required writing courses, a 3-credit language course, and three electives chosen from among 300- and 400-level courses offered by the Department, with the option to choose one of their three electives from a menu of courses in other departments and programs. When taken together with the requirements for the Secondary Education minor of the School of Education, this program meets initial certification requirements for New York State and New York City public schools. Students interested in the Education minor must apply to the School of Education for admission. Students who do not wish to pursue certification need not take the Secondary Education minor. Eligible English: Preparation for Secondary School Teaching majors may pursue English Departmental Honors by taking ENGL 49400 Honors Seminar.

Note: The English Department strongly recommends that students take at least one modern or contemporary literature course.

This concentration consists of five parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## B.A. in English: Concentration in English: Preparation for Secondary School Teaching

## A. Introduction to Literary Studies (3 cr)

## ENGL 25200 - Introduction to Literary Studies

## GER

3A
Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs .
3 cr .
B. Six Required Literature Courses (18 cr)

## 1. Three Required Courses (9 cr)

## ENGL 30300 - Western Literary Backgrounds of British and American Literature

```
Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman
epic, and exploration of their influence on works from other periods
prereq: ENGL 22000
3 hrs
cr.
```

ENGL 30600 - Literary Theory (W)
GER
3/A

Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following (3 cr):

## ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 35300-Shakespeare I

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .
3. One course chosen from the following (3 cr):

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A
Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration. prereq: ENGL 22000
3 hrs
3 cr .

## 4. One course chosen from the following (3 cr.)

## ENGL 32000-Multi-Ethnic American Literature (W)

## Pluralism and Diversity

PD/B
GER
3/A
Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000

3 hrs
3 cr .
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

```
Pluralism and Diversity
P&D A
GER
3/A
```

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .
C. Required Writing Courses ( 6 cr )

1. Theory and Practice of Expository Writing (3 cr)

ENGL 30100 - Theory and Practice of Expository Writing

GER
3/A
Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following (3 cr.)

## ENGL 30000 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .

> -or-

GER
3/A

This course will focus on the relationship between rhetorical principles and academic writing.
prereq: ENGL 22000
3 hrs
3 cr.

## D. Required Language Course (3 cr)

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
$3 c r$.

## E. Three Electives (9 cr)

Students may choose from among 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). It is strongly recommended that students consider choosing either a Modern/Contemporary Literature, Linguistics, Rhetoric, or Writing course to fulfill one of the Elective requirements. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a 300 -level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in Linguistics and Rhetoric (39 cr)

## Return to Programs and Courses in English

The concentration in Linguistics and Rhetoric is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

The concentration consists of two parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## BA in English: Concentration in Linguistics and Rhetoric

## A. REQUIRED COURSES (30 cr)

## 1. Two Required Courses ( 6 cr )

## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs .
$3 c r$.

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .

## 2. Two additional courses in linguistics chosen from the following (6 cr)

## ENGL 30100 - Theory and Practice of Expository Writing

## GER

3/A
Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power. prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33300 - Topics in Language and Linguistics

## GER

3/A
Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.
prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 34700 - Language and Ethnicity

## Pluralism and Diversity

PD/B
GER
3/A
This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the
ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## 3. Theory and Practice of Expository Writing (3 cr)

## ENGL 30100 - Theory and Practice of Expository Writing

GER
3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories. prereq: ENGL 22000
3 hrs
3 cr .

## 4. Two courses in rhetoric chosen from the following (6 cr)

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34100 - Rhetorical Principles of Expository Writing

GER
3/A

This course will focus on the relationship between rhetorical principles and academic writing.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## 5. Survey of British Literature I (3 cr)

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr.
6. One course in American literature chosen from the following (3 cr)

ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

GER
3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .

## 7. One additional course in literature chosen from the following (3 cr)

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32000 - Multi-Ethnic American Literature (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

```
prereq: ENGL 22000
```

3 hrs
3 cr .
-or-

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
-Or-

## ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr .
-Or-

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

3 hrs
3 cr.
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P\&D A
GER
3/A
Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32600 - Topics in US Latina/o Literature

## Pluralism and Diversity <br> PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

## GER

3/A
Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural,
historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33300 - Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34200 - Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## B. THRE ELECTIVE COURSES (9 CREDITS)

Students may select electives from any 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). ENGL 30600 - Literary Theory (W) is strongly recommended for all Linguistics and Rhetoric students. Students may also choose from courses related to linguistics or rhetoric offered in other departments, such as Anthropology (e.g., ANTHC 15100 - Introduction to Linguistics ; ANTHC 32076 - Language, Sex and Gender ; ANTHC 35100 - Language in Culture and Society ), Classics (e.g., CLA 11000 - The Greek and Latin Roots of English, and Philosophy (e.g., PHILO 10300 - Introduction to Logic and Critical Thinking ); or from courses in foreign language study that are beyond those taken in fulfillment of the foreign language requirement (e.g., advanced courses in a second language, beginning courses in a third language).
All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

Note
*ENGL 33300 and ENGL 34200 may be taken multiple times in different topics to fulfill both required and elective courses

## Concentration in Literatures, Language and Criticism (39 cr)


#### Abstract

Return to Programs and Courses in English Majors who plan to concentrate in Literatures, Language and Criticism take ENGL 25200 Introduction to Literary Studies within one semester of declaring the major, four required courses ( $33800,39500,30600$, and either 32000 or 32500), and three courses in a specialized area of study. We recommend that students take the four required courses early in their major studies, preferably soon after they have declared the major. Students are also required to take one 300- or 400-level English course with a focus on literature or rhetoric before 1800 (excluding the required ENGL 33800 and 39500). The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, but the remaining five are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an advisor to design her own area of study.


This concentration consists of five parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core
Requirement

## Courses

CUNY Common Core
Foundational or Major
ENGL 12000

ENGL 22000

English Composition (EC)
English Composition (EC)

Foundational
Foundational

## B.A. in English: Concentration in Literatures, Language and Criticism

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major


## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs .
3 cr.

## B. Required Courses (12 cr)

The following four courses are required for all students in this concentration:

## ENGL 30600 - Literary Theory (W)

## GER

3/A
Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
$3 c r$.
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

## Pluralism and Diversity

P\&D A
GER
3/A
Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

3 hrs
3 cr .

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .

## C. Required Area of Study (9 cr)

Students in this concentration must take three additional courses in one of the areas below. Particularly motivated students may also obtain prior approval from an advisor to design an area of their own choosing (e.g. literature by genre or by historical period, literary theory, cultural studies).

1. British and/or Irish Literatures
2. American Literatures, including African American, Asian American, Latino, and Native American
3. Transnational and/or Postcolonial Studies
4. Gender and Sexuality Studies
5. Race, Ethnicity, and/or Class Studies
6. Linguistics, Language, and/or Rhetoric
7. Transatlantic Studies
D. One 300- or 400-level English course with a focus on literature or rhetoric before 1800 (3 cr)

Note: Students may use a period appropriate Area of Study course or Honors Seminar to satisfy this requirement. Students may not use ENGL 33800 or 39500 to satisfy this requirement.

Students may choose from among the following English courses:

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

## Pluralism and Diversity

PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32200 - Topics in Gender and Sexuality in Literature

```
Pluralism and Diversity
PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural,
historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different
topic.
prereq: ENGL 22000
3 hrs
3cr.
```

ENGL 32300 - Topics in Asian American Literature

## Pluralism and Diversity

PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr.

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32600 - Topics in US Latina/o Literature

```
Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English. prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 33300 - Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33500-Chaucer

Pluralism and Diversity
PD/D
GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr .

GER
3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33700 - Literary Aspects of Folklore

GER<br>3/A

Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 35000 - Renaissance Drama

Pluralism and Diversity
GER 3/A

A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A
Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose. prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35200 - Shakespeare Survey

## Pluralism and Diversity

PD/D
GER
3/A
A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35300-Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A
Study of works from second half of Shakespeare's career.
prereq: ENGL 22000

3 hrs
$3 c r$.

## ENGL 35500 - Topics in Shakespeare (W)

```
GER
3/A
Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme prereq: ENGL 22000
3 hrs
3 cr .
```


## ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36000 - The 17th Century

```
Pluralism and Diversity
PD/D
GER
3/A
A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
cr.
```


## ENGL 36100 - Milton

```
Pluralism and Diversity
PD/D
GER
3/A
Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3cr.
```

```
Pluralism and Diversity
PD/D
GER
3/A
A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan. prereq: ENGL 22000
3 hrs
3 cr.
```


## ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36400 - The Age of Satire

## Pluralism and Diversity

PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36500 - The Later 18th Century

## Pluralism and Diversity

PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36800 - The 18th Century English Novel

## Pluralism and Diversity

PD/D
GER
3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37200 - Romantic Poetry

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38300 - Topics in Renaissance Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 38400 - Topics in Restoration and 18th Century Literature

```
GER
3/A
Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr .
```


## ENGL 38700 - Topics in British and/or Irish Fiction

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/A
Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39400 - World Literature: Drama

## GER

3/A

Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600

## ENGL 49000 - Advanced Topics Seminar

Focused study of and research on selected authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated for credit if a different topic is taken.
prereq: ENGL 22000; ENGL 25200; completion of at least 24 credits in the major with a minimum GPA of 2.0
3 hrs .
3 cr.

## ENGL 49400 - Honors Seminar: Special Studies

## Pluralism and Diversity

PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr .

## E. Electives (12-15 cr)

The remaining courses in the major are electives, chosen by the student. Unless a student uses an Area of Study course to fulfill the requirement, one of these courses must be a 300- or 400-level English course with a focus on literature or rhetoric before 1800 .
All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## English - BA

## Major

The English Department offers students five concentrations: (1) Literatures, Language and Criticism, (2) Creative Writing, (3) English: Preparation for Secondary School Teaching, (4) English Language Arts, and (5) Linguistics and Rhetoric. Thirty-nine credits ( 13 classes) in 300-and 400-level courses are required for each concentration. Up to 6 credits in the major sequence may be taken for CR/NC. Students must take ENGL 22000 before declaring the major or taking any other English classes (with the exception of ENGL 21800 - Advanced Expository Writing).

Concentration in Literatures, Language and Criticism (39 cr)

# Concentration in English: Preparation for Secondary School Teaching (39 cr) 

## Concentration in Linguistics and Rhetoric (39 cr)

## Literatures, Language and Criticism Concentration

Majors who choose the Concentration in Literatures, Language and Criticism (39 cr) take five required courses ( 15 cr ), and three courses in a specialized area of study ( 9 cr .). The department recommends that students take the five required courses early in their major studies, preferably soon after they have declared the major. The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, and the remaining four are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an adviser to design her own area of study.

## Creative Writing Concentration


#### Abstract

The Concentration in Creative Writing ( 39 cr ) is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 25200 Introduction to Literary Studies (3 cr), five required courses in literature ( 15 cr ), at least four creative writing workshops ( 12 cr ), and three electives ( 9 cr ). The five literature requirements are: 1) ENGL 33800; 2) ENGL 39500, 39600, or $39700 ; 3$ ) ENGL 31800, 32000, 32100, 32400,32500 , or 32700 ; 4) ENGL 30600 , 33100 , 33200, or 34000 ; and 5) One 300- or 400- level English course with a focus in literature or rhetoric before 1800. The first workshop for ALL students is the 3-genre workshop ENGL 30000: Introduction to Creative Writing, which must be passed with a grade of B or higher in order to qualify for this concentration. After successfully completing ENGL 30000, students are required to take a minimum of three additional workshops, beginning with the level-I workshop in the genre(s) in which they are interested: ENGL 30800, 31100, or 31400. Students are required to take at least one level-II workshop (ENGL 30900, 31300, or 31600) after completing the level-I workshop in that genre. Students may also take one of the special topics genre workshops (ENGL 48400) after completing both 300 -level workshops in that genre. The remaining three courses for the major are electives and may be chosen from any of the department's 300-or 400-level courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). In special cases, full-time faculty may find it appropriate to supervise a student who is interested in taking on an individual creative project; this option is listed in the catalogue, and in semester-bysemester class postings, as ENGL 48500: Independent Tutorial Study. Successful completion of such a course may also, if arranged beforehand, qualify as an Honors course.


## English Language Arts Concentration

The Concentration in English Language Arts (39 cr.) is designed to provide students with experience in the study of literature, language, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. Students take ENGL 25200, Introduction to Literary Studies ( 3 cr ), four required literature courses ( 12 cr ), two required courses in language and/or rhetoric ( 6 cr ), and two required courses in writing ( 6 cr ). The remaining four courses ( 9 cr ) are electives and may be chosen from among the following: any of the English department's 300- or 400-level literature courses, including, if the student is eligible, one of the

Honors seminars (ENGL 49400); any of the 300-level Creative Writing workshops for which the student has met the prerequisite(s); any 300- or 400-level courses in linguistics or literatures taught in English in other departments for which the student meets that department's prerequisite(s); and selected Theatre courses (16000, 16100, 32100, 37600, 37700,37800 ) for which the student meets that department's prerequisite(s). The English department strongly recommends that students choose at least one Language, Writing, or Modern/Contemporary Literature elective course.

## Concentration in Preparation for Secondary School Teaching

The Concentration in English: Preparation for Secondary School Teaching (39 cr) is designed to prepare students to teach English in grades 7-12 by providing a foundation in British, American, and Multi-Ethnic literatures, as well as writing and language studies. Students choosing this concentration take ENGL 25200, Introduction to Literary Studies ( 3 cr ), 18 credits of required literature courses, 6 credits of required writing courses, one 3 -credit language course, and three electives chosen from among 300-and 400 -level courses offered by the Department. When taken together with the requirements for the Secondary Education minor of the School of Education, this program meets initial certification requirements for New York State and New York City public schools. Students interested in the Education minor must apply to the School o Education for admission. Students who do not wish to pursue certification need not take the Secondary Education minor. Eligible English: Preparation for Secondary School Teaching majors may pursue English Departmental Honors by taking ENGL 49400 - Honors Seminar: Special Studies.

Concentration in Linguistics and Rhetoric
The Concentration in Linguistics and Rhetoric ( 39 cr ) is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. . Students choosing this concentration will take ENGL 25200, Introduction to Literary Studies ( 3 cr ), three courses in linguistics ( 9 cr ), three courses in composition and rhetoric ( 9 cr ), three courses in literature ( 9 cr ), and three electives ( 9 cr ). This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

Note: The English Department strongly recommends that students take at least one modern or contemporary literature course.

## Honors

In order to qualify for departmental honors, students must take the Honors Seminar (ENGL 49400) and write an honors essay. The essay is normally written in relation to the Honors Seminar and under the supervision of the professor teaching the seminar. To to take the Honors Seminar, students must first complete at least 24 credits of 300 - and/or $400-l e v e l$ English classes with a GPA of at least 3.5 in those courses and an overall GPA of at least 2.8. Of these 24 credits, 21 must be taken at Hunter (in exceptional cases, 18 credits may suffice). The Honors Seminar requirement is in addition to the specified required courses in the student's concentration. Students interested in pursuing departmental honors should consult an undergraduate adviser. Please see the college rules on Academic Honors for more information in Section IV: Academic Policies \& Procedures .

## ENGL 49400 - Honors Seminar: Special Studies

## Pluralism and Diversity

PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.
Note(s)

The Honors Seminar requirement is in addition to the specified courses in the student's major concentration. Students interested in departmental honors should consult the undergraduate adviser.

## Minor in English

The English Department offers a 12 -credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. Students may declare the Minor only after completing ENGL 22000 - Introduction to Writing about Literature (W), the prerequisite for all English courses above the 220 level. Students minoring in English may choose four courses ( 12 cr .) from among 200- and 300-level literature, language, rhetoric, or writing offerings, with a minimum of two 300 -level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 30000 - Introduction to Creative Writing, with a minimum grade of $B$.

## Note:

NOTE: English 22000 does not count towards fulfillment of the Minor. ENGL 21800-Advanced Expository Writing, may be used towards fulfillment of the Minor requirements, but ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods, may not. English minors may not take 400-level courses.

## Minor in English

The English Department offers a 12-credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. The prerequisite to declare a minor is ENGL 22000 - Introduction to Writing about Literature (W). Students minoring in English may choose four courses ( 12 cr .) from among 200- and 300-level literature, language, or writing offerings, with a minimum of two 300-level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 30000 - Introduction to Creative Writing, with a minimum grade of B.

NOTE: No course below English 22000 counts towards fulfillment of the Minor except ENGL 21800 - Advanced Expository Writing . English minors may not take 400-level courses.

## Film and Media Studies

## About the Department

The Hunter College Department of Film and Media Studies offers three degree programs in the production and critical analysis of film and media. We offer two undergraduate degrees-one in Film and one in Media Studies-and a graduate

MFA Degree in Integrated Media Arts. Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary media technologies.

Our curriculum is founded on the integration of theory and practice. Leading scholars in history, aesthetics, media policy, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film, video, television and new media; genre studies; the history, production and distribution of print and broadcast news; media representations of race, class and gender; and the intricate relationships among the mass media, popular culture and society.

The department's production courses encourage students to work creatively in a variety of existing and emerging media forms. Courses include narrative film production (including screenwriting and directing), documentary production, television production, journalism and emerging media (including web design, animation, physical computing and game programming). The department is distinguished by award-winning faculty who are active in their respective fields.

In addition to classroom activities, students earn general elective credits through internships in New York City's vibrant media industries. Host institutions include film, television, radio, video and record companies; newspaper, magazine and book publishers; public relations and advertising agencies; museums and other non-profit organizations; and telecommunications and emerging media organizations.

Through its courses and extracurricular activities, the Hunter College Department of Film and Media Studies is injecting new creative voices into the public sphere by educating a diverse community of creative minds.

## Programs and Courses

Programs and Courses in Film and Media

## Administration and Faculty

## Department Office:

433 North
(212) 772-4949

Web site: http://fm.hunter.cuny.edu/

## Chair:

## James Roman

433 North
(212) 772-4470
drj5647@optonline.com

Deputy Chair for Film and
Program Head, Film:
Joel Zuker
528 North
(212) 650-3477
jzuker@hunter.cuny.edu
Deputy Chair for Media and
Program Head, Media Studies:

Kelly Anderson
508 North
(212) 772-4008
kellyjmanderson@gmail.com

## Faculty

Film and Media Studies Faculty
HEGIS Codes: 1010 (Film), 0601 (Media)
Film - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## FILM 10100 - Introduction to Cinema

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr .

## FILMP 16000-Media \& Film in a Digital Age II

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.
cross-listed MEDP 16000
prereq: MEDP 15000
4 hrs
$3 c r$
-or-

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)

4 hrs
3 cr .

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Film major, the course that meets CCC is:

## Course

FILM 10100

CUNY Common Core
Creative Expression

Foundational or Major
Foundational

## BA in Film

Credits required for the major 30-36

Foundational Courses (for students without background in the field)

Major in Film
Analytic Course Requirements (12)
Production Course Requirements (12)
Electives (6)
Total for students without background in field

## up to 6

30
30 36

## Major in Film (30 cr)

30 credits, combined total: 12 credits analytical, 12 credits production and 6 credits electives from analytical and/or production courses.

Students must receive a grade of B or better in FILM 10100 to declare a major in film. The major must be declared in person with an undergraduate film adviser (call (212) 772-4949 to schedule). The student must bring his or her transcript, and, where relevant, transcripts from other colleges attended, when meeting with the undergraduate film adviser to declare a film major. Students majoring in film must also take FILMP 16000/MEDP 16000 which is prerequisite for all film production courses. FILM 10100 and FILMP 16000/MEDP 16000 do not count towards the major. A maximum of 6 credits in MEDIA courses at the 200 or 300 level may be applied toward the major in film. Students must meet any prerequisites for these courses. Courses at the 100 level, independent study, and internship courses do not count toward the major. Students must see a program adviser to plan choice and sequence of courses.

## I Analytical Course Requirements (12 cr)

## A) Film Style and Close Analysis (6 cr)

## FILM 20100 - Practical Film Analysis

GER
3/A
Close case study of a selected motion picture.
prereq: FILM 10100
3 hrs
3 cr .
plus 3 credits from one of the following courses:

## FILM 22400 - Cinematic Space

GER
3/A
Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 23100 - Studies of Selected Directors

Pluralism and Diversity
GER 3/A
Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for credit with a different topic.
prereq: FLM 10100, 20100
4 hrs
3 cr .

## FILM 32300 - Film Technology and Aesthetic Theory

GER
3/A

Study of the relationship between film technology and film theory. May be repeated for credit with a different topic. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 25100
4 hrs
3 cr .

## FILM 32351 - Aesthetics of Film Sound

GER
3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM. prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 33300 - Styles and Theories of Film Acting

## GER

3/A

Study of film acting with regard to theoretical structures and aesthetic practice.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, 20100
4 hrs
3 cr .
B) Film History ( 6 cr ):

## FILM 21100 - Film History I: 1895-1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
3 cr.

## FILM 21200 - Film History II: Since 1942

Pluralism and Diversity
PD/D
GER
3/A
Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
3 cr .
If students choose to take only FLM 21100 or only FLM 21200, they must also choose from the following:

## FILM 21300 - National Cinema

Pluralism and Diversity
$\mathrm{PD} / \mathrm{D}$ or A

GER
3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.
prereq: FILM 10100, 21100 or FILM 21200
3 hrs
3 cr.

## FILM 34400 - History of Cinematography

GER
3/A

Survey class addressing key developments in the history and aesthetics of cinematography.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, 20100, 21100 or 21200
4 hrs
3 cr .

## FILM 39700-Topics in Film History

Pluralism and Diversity
PD/D
GER
3/A

A focused examination of specific issues and moments in film history. May be repeated for credit under a different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
4 hrs
3 cr.
II Production Course Requirements (12 cr):

## A) Required Production Sequence ( 9 cr ):

FILMP 25100 - Film Production I

Introduction to the fundamentals of filmmaking, writing, cinematography and editing. Material Fee: \$20
prereq: MEDP/FLMP 16000; open to majors only or perm instr.
4 hrs
3 cr.

## FILMP 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: \$20
prereq: FLMP 25100, FILMP 27600 open to film/media majors only or perm instr. prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM. 4 hrs
3 cr.

## B) Advanced Production Cluster (3 cr):

## FILMP 37100 - Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr.

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM. prereq: FILMP 27600
4 hrs
3 cr .

## III Elective Course Requirements (6 cr):

From analytical and/or production electives: At least one elective must be a 300 level or above course.
A) Analytical Electives:

## FILM 21400 - Multicultural Perspectives in Cinema

Pluralism and Diversity
PD/B (214.51 only)
GER
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21500 - Women and Film

Pluralism and Diversity
PD/C
GER
3/A
Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.
prereq: FILM 10100
4 hrs
$3 c r$.

## FILM 22200 - Topics in Genre Studies

## GER

3/A
Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

Pluralism and Diversity
PD/C
GER
3/A
This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
$3 c r$.

## FILM 23200 - Experimental Film and Video

## Pluralism and Diversity

PD/D
GER
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.
prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
3 cr.

## FILM 29900 - Special Topics in Film

GER
3/A
Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.
prereq: perm dept.
1-3 hrs
1-3 cr.

## FILM 32200 - Contemporary Film Theory

Pluralism and Diversity
PD/D
GER
3/A

Survey of current film theory and criticism, including developments in film semiotics, psychoanalytic film theory, feminist film theory, narrative theory, historiography and reception theory.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.
prereq: FILM 10100, 21100 or 21200
4 hrs
3 cr .

## FILM 32400-Narrative Strategies

GER
3/A

Study of narrative techniques in cinema
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr .

## FILM 32600-America in American Film and Video

GER
3/A
Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr .

## FILM 32700-Representations of Race and Ethnicity in U.S. Media

```
Pluralism and Diversity
PD/B
GER
3/A
```

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A
Focuses on challenges by developing world films and filmmakers to Western media stereotypes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 33200 - Myths and Images in the Media

GER
3/A
Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
3 hrs
3 cr .

## FILM 33400 - Theatricality and the Presentation of Self

## GER

3/A
Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.

4 hrs
$3 c r$.

## FILM 39100 - Problems in Film Research

## GER

3/A
Study of basic methods of solving problems in the field of cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
3 hrs
3 cr .

## FILM 39900-Studies in Film

## GER

3/A
Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: variable
3 hrs
3 cr .

## FILM 40100 - Independent Research

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: perm chair
1-3 cr.

## FILM 40200 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr .

## FILM 49900 - Advanced Seminar

Selected topics in cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: perm instr.
4 hrs
3 cr .
B) Film Production Electives:

A second course from the advanced production cluster may be taken as an elective course

## FILMP 37100-Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is pre requisite for all 300- and 400-level courses in FILM. prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM. prereq: FILMP 27600
4 hrs
3 cr.

## FILMP 31100 - Directing Documentary Video Production

Exploration of the aesthetics of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: MEDP 28100; open to film/media majors only or perm instr.
4 hrs
3 cr .
or

## FILMP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.
cross-listed MEDP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr.

## FILMP 34100 - Producing the Film

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100, FILMP 27600
3 hrs
3 cr .

## FILMP 37200-Screen Directing II

Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 37100 or permission of instructor
4 hrs
3 cr.

## FILMP 38100-Techniques of Cinematography

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 35200 or permission of instructor
4 hrs
3 cr .

## FILMP 38200 - Narrative Editing

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.
prereq: FILMP 25100
4 hrs
3 cr .

## FILMP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr.

## FILMP 38400 - Film and Video Production

Production of short films with each student assigned to specific crew positions.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 35200, and permission of instructor.
variable hrs
3 cr.

## FILMP 39900 - Special Topics in Advanced Film Practice

Offered periodically with the specific topic listed in the schedule of classes.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: perm instr.
4 hrs
3 cr .

## FILMP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision. Material Fee: \$20 May be taken twice for credit.cross-listed MEDP 45100
prereq: FILMP 35200 and perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
3 hrs
3 cr .

## FILMP 49800 - Internship

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, two other film courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

## Minor in Film

Students who wish to minor in film must complete a total of 15 credits in addition to FILM 10100 which does not count towards the minor and is a prerequisite for all FILM courses.

> Required courses

## FILM 21100 - Film History I: 1895-1942

```
Pluralism and Diversity
PD/D
GER
3/A
```

Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
3 cr .
-or-

FILM 21200 - Film History II: Since 1942
Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
$3 c r$.
and two 200-level courses, and two 300-level courses.

No film production classes (designated FILMP) are available to minors with the exception of

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 27600
4 hrs
3 cr .

## Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar course with a grade of A. See the department for more information.

## FILM 40200 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr .

## MEDIA 40200 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion qualifies student for departmental honors at graduation.
prereq: 3 advanced-level courses; 3.0 GPA and 3.5 major GPA; perm dept.
3 hrs
3 cr .

## Media Studies - BA

## Hunter Core Requirement

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

Students must receive a grade of B or better in MEDIA 18000 to declare a major in Media Studies. The major must be declared in person with an undergraduate media studies adviser. (see department website for adviser schedules http://fm.hunter.cuny.edu/).

Students will be able to do a
Media Studies BA: General Media Studies Major
but may choose one of the concentrations in the major. These concentrations are
Media Studies BA: Concentration in Media Analysis and Criticism
Media Studies BA: Concentration in Documentary and Television Production
Media Studies BA: Concentration in Journalism
Media Studies BA: Emerging Media
However, these concentrations are optional; as long as they satisfy the General Media Studies Major requirements, students may combine courses from different concentrations.

Students majoring in Media Studies must take the following introductory courses. These courses count toward the major.

MEDIA 18000
FILMP 15000/MEDP 15000
FILMP 16000/MEDP 16000
A maximum of 6 credits in FILM or FILMP courses at the 200- or 300-level may be applied toward the major in media studies. Students must meet any prerequisites for these courses. Courses in Independent Study, Honors Project, and Internship do not count toward the major. Students must consult a program adviser to plan choice and sequence of courses.

## Double Majors

Students may choose to complete a major in the Department of Film and Media Studies and a second major in another department. A student cannot declare a double major in film and media studies. Because of the intensive nature of the production courses in both Film and Media Studies, it is strongly recommended that all students take no more than two production courses per semester.

## Minor in Media Studies

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200-level course and at least one 300 -level course are required. The other three courses can be at any level. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor. Courses may be taken as either MEDIA or MEDP.

## Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project FILM 40200 or MEDIA 40200, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400 -level production or analytical seminar course with a grade of A. See the department for more information.

# Media Studies BA: Concentration in Documentary and Television Production 

Return to Media Studies - BA
This concentration is intended to give students foundational knowledge in the theory and practice of linear non-fiction video and related digital media skills. Students in this concentration will also specialize in one of three advanced areas: Documentary Production, Experimental Media Production or Studio Television Production.

## Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MEDIA 18000 | Individual \& Society | Major |

## Major- 36 credits

## A. Introductory Courses (9 cr.)

## MEDIA 18000 - Introduction to Media Studies

```
Hunter Core
Individual & Society (Social Sciences) - I&S SS
GER
2/C
```

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

```
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3cr.
```


## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class. cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## B. Required Production Courses (9 cr.)

## MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
3 cr .

## MEDP 29000 - Developing the Documentary (W)

This workshop guides students through the research, writing and production planning essential for creating a video or film documentary.
prereq: MEDIA 18000 and MEDP 16000
3 hrs
$3 c r$.
Choice of one course from the following

## MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Material Fee: \$20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
4 hrs
3 cr .
-or-

## MEDP 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.
prereq: FILM 25100 or MEDP 28100 or perm. instr.
3 hrs
3 cr .

## C. Elective Production Courses (9 cr.)

These may be any regular 200- or 300-level MEDP courses. Any regular 200- or 300-level FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

## D. Required Analytical Course (3 cr.)

## MEDIA 31500 - Nonfiction Film and Video

## GER

3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
3 cr .

## E. Elective Analytical Courses (6 cr.)

Two regular analytical courses may be chosen from any analytical offering, however it is strongly recommended that students consider analytical courses in relation to their area of production.

## F. Total (36 cr.)

## Media Studies BA: Concentration in Journalism

## Return to Media Studies - BA

The journalism concentration offers a liberal arts approach to the study of news. Students will learn to gather information through observation, interviews, and research, to evaluate it and to communicate it through clear and compelling writing enhanced by photography, video, audio, and interactive features. In addition to a toolkit for newsgathering and presentation, they will gain a critical perspective through courses that offer a critical analysis of media.

## Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCC are:
Courses CUNY Common Core Foundational or Major

## Major-36 credits

## A. Introductory Courses (9 cr.)

## MEDIA 18000 - Introduction to Media Studies

```
Hunter Core
Individual & Society (Social Sciences) - I&S SS
GER
2/C
```

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class. cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

## B. Required Production Courses (6 cr.)

## MEDP 20100 - Reporting and Writing I (W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.

```
prereq: MEDIA 18000
```

3 hrs
3 cr .

## MEDP 20200 - Reporting and Writing 2(W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr .

## C. Elective Production Courses (12 cr.)

Choose among:

## MEDP 23900 - Entertainment Journalism (W)

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
3 cr.

## MEDP 28300 - Electronic News Gathering

This workshop guides students through the research, writing, digital video production and digital editing of community television news stories.
prereq: MEDP 28100
3 hrs
3 cr .

## MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.
prereq: MEDP/FILMP 15000
3 hrs
3 cr .

## MEDP 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 29500 - Online Journalism (W)

Evaluating and employing the Internet as a source of information for journalists, as a subject of journalistic coverage and as a new form of newspaper publication.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.
prereq: MEDP 20100
3 hrs
$3 c r$

## MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Material Fee: \$20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
4 hrs
3 cr .

## MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
prereq: MEDP 33100 or perm instr.
3 hrs
3 cr .

## MEDP 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
prereq: MEDP 20100

## 3 hrs

MEDP 37700 - Neighborhood News (W)


#### Abstract

An advanced reporting and writing class that will produce a community newspaper and on-line news outlet serving underserved neighborhoods. This class may be repeated once for credit.


prereq: MEDP 20100 or permission of instructor
3 hrs
3 cr .

## MEDP 39900 - Special Topics in Advanced Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr.

## E. Elective Analytical Courses (9 cr.)

Analytical courses may be chosen from any analytical offering; however, it is strongly recommended that students consider analytical courses in relation to their area of production.

## Media Studies BA: Concentration in Media Analysis and Criticism

Return to Media Studies - BA

The media analysis concentration develops critical thinking in students and offers students in-depth understanding of the field of media studies. It includes the study of Media Representations; Media Technologies, Industries, and Policies; and News, Politics, and Propaganda.

## Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCC are:

## Courses

MEDIA 18000

CUNY Common Core
Individual \& Society
Foundational or Major
Major

## Major- 36 credits

## A. Introductory Courses (9 cr.)

## MEDIA 18000 - Introduction to Media Studies

Hunter Core<br>Individual \& Society (Social Sciences) - I\&S SS<br>GER<br>2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

```
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
cr.
```


## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class. cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## B. Required Analytical Courses (21 CR):

Analytical courses in 3 categories, as outlined below.
Some courses are listed in more than 1 place, but each course fulfills a requirement in just 1 category. (Students may not double count a course.)

## 1. Media Representations (9 credits from the following)

## MEDIA 27100-Television Culture

## GER

3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.

3 hrs
3 cr .

## MEDIA 29853 - The Horror Film

## GER <br> 3/A

A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.
prereq: MEDIA 18000 or FILM 10100
3 hrs
$3 c r$.

## MEDIA 31500 - Nonfiction Film and Video

## GER <br> 3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
$3 c r$.

## MEDIA 32600 - America in American Film and Video

## GER

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 32700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.
prereq: MEDIA 18000
4 hrs
3 cr .

## MEDIA 33200 - Myths and Images in the Media

## GER

3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 33300 - Typecasting

## GER

3/A
A history of the relationship between stereotyping as a social, cultural and psychological language and the rise of modern society.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 180 and either MEDIA 327 or MEDIA 384 or perm instr.
3 hrs
3 cr .

MEDIA 37400 - Media, Sports, and Society

## GER

3/A
Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38400 - Women and Media

Pluralism and Diversity
PD/C
GER
3/A
Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGSA 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39700 - Cult TV and its Audiences

GER
3/A

This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.
prereq: MEDIA 27100
3 hrs
3 cr.
2. Media Technologies, Industries, and Policies (6 credits from the following)

## MEDIA 26000 - Internet and Society

GER
3/A

The Impact of the Internet on American and global society.
prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr .

## MEDIA 36500 - Digital Copyright

GER
3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-topeer trading, digital rights management, and third party liability for information service providers.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 37400 - Media, Sports, and Society

GER
3/A

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 38000 - History of Broadcasting

## GER <br> 3/A

Broadcasting's roots in industrialization and influence on modern society.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 38300 - Popular Music and the Music Industry

GER
3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry. Particular emphasis on popular music from fifties to present.
prereq: MEDIA 18000
3 hrs
3 cr.
MEDIA 39200 - Communications, Technology and Change

GER
3/A

Examination of media technologies, their development and their impact on quality and organization of human life. prereq: MEDIA 18000
3 hrs
3 cr.

## MEDIA 39400 - Mass Communications and the Law

## GER

3/A

Relationship of mass media to significant constitutional problems.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 39600 - Global Communication

GER
3/A

Structures, policies and impact of global communications. Areas covered include global news, film, TV and music industries; telecommunications and the Internet.
MEDIA 18000 is a prerequisite for all 200-, 300 -, and $400-$ level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr .

## 3. News, Politics, and Propaganda (6 credits from the following)

## MEDIA 21000 - Journalism and Society

## GER <br> 3/A

This course focuses on industry issues and service to the public good. It is partly designed for students interested in careers in journalism, who can benefit from greater sophistication about the news industry. The course explores the way news is gathered and written, the way news organizations are structured and financed, and the way they relate to other forms of political and entertainment communication. It examines the ways that the news industry describes itself and its problems and surveys journalistic practice in different media, e.g. print, the Internet, etc. Many of the readings will be drawn from the news industry trade press as well as from cultural studies and media sociology. Students will be asked to address journalism as citizens, weighing the role of journalism in our democracy. prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 31300-The Culture of Publicity

GER
3/A
An in-depth historical understanding of public relations, social image-management, and opinion engineering in the U.S. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses. prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 37300-Journalism as Literature

GER
3/A
An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 37500 - Media and Politics

## GER

3/A
The impact of the electronic media on American politics.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38000 - History of Broadcasting

```
GER
3/A
Broadcasting's roots in industrialization and influence on modern society.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 38100 - Propaganda and the Mass Media
GER
3/A
Study of mass media (broadcast, film, print) as forms for propaganda.
prereq: MEDIA 18000
3 hrs
3cr.
```

MEDIA 39000 - Broadcast Journalism
GER
3/A

Structure and operations of radio and television news in relation to social, political and economic institutions.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 39100 - History of Print Journalism
GER
3/A
Development of newspapers and magazines as social force.
prereq: MEDIA 18000
3 hrs
3 cr.
C. Elective Analytical or Production Courses at the 200-level or higher (6 cr.)

## Media Studies BA: Emerging Media

Return to Media Studies - BA
The Emerging Media concentration gives students foundational knowledge in the theory and practice of digital media as a creative and investigative form of production. Students in this concentration may elect to specialize in various
areas of production including Web Production, Interactive Media Production and 3D Imaging Production or may elect a broad curriculum of study from the Emerging Media courses. The curriculum interweaves technical instruction with aesthetic, communicative and cultural production and research to help a student establish a cohesive portfolio in new media.

## Hunter Core Requirement

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Emerging Media Concentration, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MEDIA 18000 | Individual \& Society | Major |

## Major- 36 credits

## A. Introductory Courses (9 cr.)

## MEDIA 18000 - Introduction to Media Studies

## Hunter Core

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class. cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)

4 hrs
3 cr .

## B. Required Production Courses

-select 4 from the list below for 12 credits:

## MEDP 25000 - Digital Design and Usability

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.
prereq: MEDP/FILMP 15000
3 hrs.
3 cr .

## MEDP 26000 - Introduction to 2D Animation

This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.
prereq: MEDIA 18000. MEDP 15000, MEDP 16000
4 hrs.
3 cr .

## MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
3 cr .

## MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.
prereq: MEDP/FILMP 15000
3 hrs
$3 c r$.

## MEDP 33100 - Web Production II

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.
prereq: MEDP 28500
3 hrs
3 cr .

## MEDP 34100 - Web Programming

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive web sites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.
prereq: MEDP 28500
3 hrs
3 cr .

## MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
prereq: MEDP 33100 or perm instr.
3 hrs
3 cr .

## MEDP 34900 - Introduction to Physical Computing

This hands-on class is an introduction to electronics, circuit building and the programming of microcontrollers for the production of interactive creative works that may include installation and art objects.
prereq: MEDP 150, MEDP 160

## MEDP 35500 - Physical Computing: Interactive Installation

A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: \$20
prereq: MEDIA 18000, MEDP 15000 and 16000, MEDP 28500
3 hrs
3 cr.

## MEDP 36000-3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based art.
prereq: MEDP 25000, MEDP 26000
3 hrs .
3 cr .

## MEDP 36500-3D Virtual Environments

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.
prereq: MEDP 36000
3 hrs.
3 cr .

## MEDP 39909-Game Design and Programming

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of gamedevelopment tools and approaches, while exploring a variety of theoretical, social, and other aspects of modern game culture.
prereq: MEDP 25000
prereq or coreq: MEDIA 36300
3 hrs
3 cr .

## MEDP 39950 - Motion Graphics

This course examines the design and use of computer animation and effects for digital video. The course emphasizes the use of motion graphics to animate and render typography, effects and the compositing of distinct visual assets as well as its function within a greater narrative.
prereq: MEDP/FILMP 15000 and MEDP/FILMP 16000 and MEDP 25000
3 hrs
3 cr.

## C. Elective Production Courses (6 cr.)

These may be any regular 200- or 300-level MEDP courses including those from the list of required courses (see B. above.) Any regular 200- or 300-level FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

## D. Elective Analytical Courses (9 cr.)

Three analytical courses may be chosen from any analytical offering; however it is strongly recommended that students consider analytical courses in relation to their area of production.

## E. Total (36 cr.)

## Media Studies BA: General Media Studies Major

## Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MEDIA 18000 | Individual \& Society | Major |

Major - 36 credits

## A. Required Introductory Courses ( 9 cr .)

## MEDIA 18000 - Introduction to Media Studies

## Hunter Core

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C
Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.
MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .
B. Required Analytical Courses (9 cr.)

Students must take at least 9 credits of analytical courses. Any 200- and 300-level MEDIA courses may be used to meet this requirement. Any 200- or 300-level FILM course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major. MEDP and FILMP courses do not count toward the analytical requirement.

## C. Elective Analytical or Production Courses (18 cr.)

Students must take an additional 18 credits of analytical and/or production courses. These may be any 200- or 300level MEDIA or MEDP courses. Any 200- or 300-level FILM or FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

## Minor in Film

Students who wish to minor in Film must complete a total of 15 credits in addition to Film 101, which is a prerequisite for all Film courses.

1. Prior to declaring a Film Minor, students must take FILM 10100.
2. Film Minors must then enroll in either FILM 21100 - Film History I: 1895-1942 ; 3 cr.) or FILM 21200 Film History II: Since $1942 ; 3$ cr. FILM 10100 is the prerequisite for both courses.
3. Once Film Minors complete this film history requirement, they must take two classes from the 200-level (6 crs. total) and two classes from the 300 -level ( 6 crs. total). No film production classes (designated FILMP) are available to Film Minors, with the exception of Screenwriting I (FILMP 27600 - Screen Writing I - The Short (W)) and FILMP 37700 - Screen Writing II The Feature (W)). Film Minors must satisfy all other course prerequisites.

## Minor in Media Studies

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200-level course and at least one 300 -level course are required. The other three courses can be at any level. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

## Geography

## About the Department

The department offers concentrations in urban and social geography; physical and environmental geography; geographic information science; sustainability studies; earth systems science; environmental policy; and social studies and environmental education. Courses in all of these fields are valuable parts of a general liberal education, developing an awareness of earth phenomena and the role these play in people's lives. Through integration of content knowledge, applied skills, and internships, our graduates are prepared for both graduate study and immediate employment in the public, private, and non-profit sectors.

Undergraduates can major in geography, environmental studies, or select options within the geography major that prepare them for temporary certification in New York State to teach social studies at grades K-12; and they may minor in geography, environmental studies or geology. The interdisciplinary major in environmental studies allows students to focus on environmental policy and management or earth systems science. Students may also complete a five-year combined BA/MA program in Environmental Studies and Adolescent Education-Earth Science. This accelerated program is designed for highly qualified environmental studies majors who, by their sophomore year, decide to pursue a career in teaching earth science. In addition to comprehensive programs in residence, the department offers field courses in geography and environmental science in Hawaii, Argentina and the Catskill Mountains.

Revisions in the curricula within the Department of Geography that are currently under way may involve modifications in various requirements. Please consult with the department office for up-to-date information and requirements.

## Programs and Courses

Programs and Courses in Geography

## Administration and Faculty

## Department Office:

1006 North
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## Faculty

# Environmental Earth Science Concentration 

Return to: Return to Programs and Courses in Geography

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.

3 hrs .
3 cr .

# PGEOG 13000 (STEM) - Weather and Climate 

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

* these courses are prerequisites to PGEOG 25000. Either of these courses, or GEOG 22600 is acceptable.

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major- 40 credits

## Required courses - 22 credits (including Capstone)

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

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Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
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In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## PGEOG 25000 - Earth System Science I

## GER

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.

4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## Required Capstone Course - 3 credits

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent. prereq: perm dept.
-or-

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## Electives - 18 credits

A minimum of 18 credits from the list below. 12 credits must be taken at the 300 -level or higher.
Note: It is strongly recommended that students take STAT 11300 - Elementary Probability and Statistics.

## GEOL 20500 - Environmental Geology

## GER

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr .
Fall

## GEOL 38000 - Advanced Oceanography: Physics of the Oceans

## GER

3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean.
Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.
prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr .

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr .
Offered fall and spring

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 36100-GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr .

## PGEOG 31300 - Biogeography

## GER

3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.
prereq: PGEOG 13000, GEOG 10100 or BIOL 10000/10200
3 hrs
3 cr .

## PGEOG 33200 - Introduction to Hydrology

## GER

3/B

Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and strategies of integrated water resources.
prereq: GEOL 10100, PGEO 13000 or perm instr.
3 hrs
3 cr .

## PGEOG 33500 - Urban and Metropolitan Coasts

## GER

3/B
A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.
prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
$3 c r$.

## PGEOG 36100 - Global Climatic Change

## GER

3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .

## PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
$3 c r$.

## PGEOG 38300 - Special Topics in Environmental Studies

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm
instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## Total credits 40

## Environmental Management and Policy Concentration

Return to Programs and Courses in Geography

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences

GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs .
3 cr.
-or-

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

* these courses are prerequisites to PGEOG 25000. Either of these courses, or GEOG 22600 is acceptable. Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement


## Major

## Required courses - 22 credits (including Capstone)

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.

5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr.

## PGEOG 25000 - Earth System Science I

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the
atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## Required Capstone Course - 3 credits

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.
-or-

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## Electives - 18 credits

A minimum of 18 credits from the list of courses below. 12 credits must be taken at the 300 -level or higher. Courses not listed may be included in a student's concentration with permission of the ES adviser.

Note: It is strongly recommended that students take STAT 11300 Probability and Statistics.

## COMHE 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards. prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr.

## GEOG 24100 - Population Geography

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.
prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
$3 c r$.

## GEOG 33500 - International Pollution Issues

## GER

3/B
A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
3 cr .

## GEOG 24300 - Urban Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr .

GEOG 37000-Geography of Sustainable Development in Developing Countries

Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 37100-Rural Water Supply in Developing Regions

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.
prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOL 20500 - Environmental Geology

## GER

3/B
As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
3 cr.

## GEOL 33400 - Geomorphology: The Study of Beaches and Coasts

GER
3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of
such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.
prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr.

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 38500 - GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered.
May be repeated for credit as topics change.
Material Fee:\$ 15
prereq: GTEC 20100 or equiv.
3 hrs
3 cr .

## PGEOG 31300 - Biogeography

## GER

3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.

3 hrs
3 cr .

## PGEOG 33500 - Urban and Metropolitan Coasts

## GER

3/B

A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.
prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
3 cr.

## PGEOG 36100-Global Climatic Change

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .

## PGEOG 36300 - Environmental Hazards

## GER

3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr .

## PGEOG 38300 - Special Topics in Environmental Studies

## GER

3/B

Open to Jr/Sr only. Topics to be announced. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.

1-4 hrs (lec or lec/lab)
1-3 cr.

## POLSC 24400 - Energy and Environmental Politics and Public Policy (W)

## GER

3/B

Examination of political processes and public policies shaping energy production and consumption in the U.S. with comparative reference to other countries. Emphasis on political, economic, social, environmental and foreign policy aspects.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## SOC 36100 - Development and Modernization (W)

Pluralism and Diversity
PD/A
GER
3/B

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

## URBS 31000-Methods of Urban Research and Policy Analysis

## GER

3/B
Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
$3 c r$.

## URBS 40100 - Managing Urban Physical Environment

## GER

3/B
Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

## Total credits 40

## Environmental Studies - BA

The major offers two concentrations which are organized to promote an intensive understanding of contemporary physical science, specifically earth system science as it relates to environmental issues, and an intensive understanding of a system-based approach to the dynamic nature of human-environmental interactions particularly as manifest in contemporary politics and economics. The concentrations are Environmental Earth Science and Environmental Management and Policy. It is suggested that students select a concentration as they enter the major with the understanding that the choice is not final at this stage and students can switch concentrations as they advance in the program. To aid in this process, the curriculum offers a common core of required courses, as well as sufficient overlap within the required elective courses. It is strongly recommended that students considering this major meet with the adviser to discuss their interests and program of studies as courses may be added or deleted as the college's and department's offerings change. One or more courses not listed below may be included in a student's concentration with the advice and consent of the adviser.
A. Environmental Earth Science Concentration
B. Environmental Management and Policy Concentration

## Internships

Students can receive from one to four credits for internships in government agencies, consumer and activist groups, business and industry and media organizations involved in energy issues (e.g., Council on the Environment of NYC, Energy Task Force, NY State Assembly, Sierra Club, International Earthcare Center, NY State Department of Energy, Brooklyn Union Gas, NYC Department of Environmental Protection and the American Museum of Natural History).

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows
one course selected from

## PGEOG 13000 (STEM) - Weather and Climate

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10500 - Introduction to Environmental Geoscience

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/E (Non lab course)

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
$3 c r$.

## GEOL 18000 - Introduction to Oceanography

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring
and
at least one course (minimum of 3 credits) selected from

## GER

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr.
Fall

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr .
Offered fall and spring
and

- at least one course (minimum of 3 credits) from the 300 -level approved electives listed in the college catalog under either the environmental studies program's Concentration A Environmental Earth Science Concentration or Concentration B Environmental Management and Policy Concentration).


## Minor in Geology

A minor in geology consists of 12 credits selected from GEOL prefix courses -or-

## PGEOG 23100 - Physical Geography II: Principles of Geomorphology

See GEOL 23100
-or-

## PGEOG 33400 - Coastal Geomorphology See GEOL 33400

See GEOL 33400
-or-

## GTECH 35000 - Field Topographic Surveying

Field use of surveying equipment. Notebook and computer data collection relating to horizontal and vertical location on the landscape, including the use of global positioning systems. Field record-keeping and preliminary analysis of results. Fee for transportation, accommodations and food allowance required.
prereq: GTEC 20100, perm instr.
90 hrs of field/lab work (1 day lab, 10 days field)
3 cr.
Offered summer intersession (check with dept. in April).
Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

## Additional Information

If after taking a number of geology courses at Hunter, a student wishes to concentrate in geology, it is recommended that the student transfer to a unit of CUNY offering a geology major or take courses on permit at other CUNY units as elective credits.

## Preparation for Graduate Work in Teaching Earth Science

For students planning to pursue an MA degree for teachers of earth science, grades 7-12, it is recommended that they complete the following undergraduate work: a baccalaureate degree with a grade point average of 2.8 or better in their science courses and in their overall undergraduate work; a major of at least 30 credits in arts and sciences.

At least 21 credits in

- geology,
- physical geography,
- earth science or environmental science, including geographic techniques;
- general education core in the liberal arts and sciences that includes
- 6 credits in English,
- 6 credits in mathematics/technology,
- 6 credits in social studies (to include at least one course in U.S. history or geography),
- 6 credits in the arts and
- 6 credits in a language other than English.

It is recommended, but not required, that the criteria above be satisfied using

- electives selected from GEOL, PGEOG and GTECH courses;
- a minor in geology;
- GER core requirement laboratory science chosen from
- chemistry,
- physics or
- biology and
- GER core requirement non-laboratory science chosen from
- astronomy,
- oceanography,
- statistics or mathematics.

For further information on the education requirements, students should see an adviser in the School of Education.

## Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to

## GEOG 49000 - Honors in Geography

Upper $\mathrm{Jr} / \mathrm{Sr}$ geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr .

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

- and have a 3.0 cumulative GPA and a 3.5 GPA in the major.


## The following courses

also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

## GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

## PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr. 1-3 cr.

## PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr. 1-3 cr.

## Fieldwork

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Study Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

## Graduate Study

Graduate-level courses may be taken for credit toward the bachelor's degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

## Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu - tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## Five-Year BA/MA Program in Environmental Studies and Adolescent Education: Earth Science (Grade 7-12)

Students who major in Environmental Studies may also want to complete a sequence of courses that will enable them to pursue a career teaching earth science in grades 7-12. The BA/MA program in Environmental Studies and Adolescent Education: Earth Science is designed to prepare prospective teachers to serve as high-quality educator for adolescents in urban schools..

This is an accelerated program leading to a BA in Environmental Studies and an MA in Adolescent Education: Earth Science. The program is designed for highly qualified Environmental Studies majors who, during their sophomore year, decide to pursue a career in secondary school teaching. This program will ensure that these students receive all of their pedagogical and disciplinary training before entering the classroom to teach. Students who complete the 134 credit program will have satisfied the coursework requirements for teacher certification. The 18 elective credits required for the Environmental Studies degree must emphasize atmospheric systems, earth systems, water systems, or geological systems.

For students in this BA/MA program, the 18 credit elective portion of the Environmental Earth Science Concentration major must include GEOL 10200 , PGEOG 13000 (STEM) , ASTRO 10100 /ASTRO 10700 or, after spring 2011, ASTRO 10100 , and a minimum of 9 undergraduate credits selection from 200- and 300-level GEOL, PGEOG, and GTECH courses (with the exception of GTECH 20100 ), and the independent study, honors, and internship courses in each of these series.

Students interested in this program should speak to adviser in the Department of Geography during their sophomore year to review the curriculum path for the five-year program. And students should also speak to an adviser in the School of Education as soon as possible.

Admission to the School of Education is not automatic with admission to Hunter College. There is a separate admission process that involves a paper application, a writing sample, and an interview.

## Required Courses

## ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

## GER

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
4 cr.
-or-

## ASTRO 10700 - Laboratory Exercises in Astronomy

## GER

2/E

Classroom and online experimental laboratory exercises in astronomy to observe the major features of the night sky, demonstrate the physical basis of astronomical instruments, and experiment with astronomical phenomena. Only offered to students who have previously taken ASTRO 100 which is no longer offered [ASTRO $100+$ ASTRO 107 are
replaced by ASTRO 10100].
prereq or coreq: ASTRO 10000
2 hrs
1 cr .

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core <br> Scientific World (SW); Life and Physical Sciences (LPS) <br> GER <br> 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.
and

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr.

## GEOL 18000 - Introduction to Oceanography

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring

## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10200 - Plate Tectonics and the Earth's Evolution

GER
2/E
The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

## GEOL 20500 - Environmental Geology

## GER

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
$3 c r$.

## GEOL 28000 - Marine Geology

## GER

3/B
Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr .
Fall

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

## PGEOG 25000 - Earth System Science I

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.
-or-

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser. 1-4 cr.

Major Electives 6-8 credits
Graduate Courses (see graduate catalog)

PGEOG 630 Science and Society 3
PGEOG 660 Challenging Concepts in Earth Science 4
PGEOG 701.63 Earth Science Today 3
GTECH 710 Introduction to GIS 3
SEDC 710 Building Foundations of
Literacy
SEDC 713 Methods I 3
SEDC 720 Adolescent Health and Safety 1
SEDC 724 Methods II 2
SEDC 754.04 Student Teaching in
Earth Sciences
SEDF 703 Social Foundations of Adolescent Education 3
SEDF 704 Adolescent Development 2
SEDF 705 Educational Psychology 2
SEDF 706 Assessment of Teaching and Learning 2
PGEOG or GTECH elective credits (grad) 3

## Geography - BA

The major in Geography is designed to prepare students to understand and respond to our world's changing social and natural environments. The major consists of 43-45 credits-a 13-15 credit Common Core that includes a capstone project, and 30 credits in one of four tracks: Urban and Social Geography, Physical and Environmental Geography, Geographic Information Science, and Sustainability Studies. Students interested in temporary certification as a Social Studies-Childhood Education teacher should complete Track A: Urban and Social Geography and must apply for the QUEST Program through the School of Education before completing a total of 45 undergraduate credits.

To declare as a geography major, students must complete one of the following three courses (which are included in the major): GEOG 10100 or GEOG 15000 or GEOL 10500. Completion of ENGL 12000 prior to declaring as a major is also strongly recommended since several advanced courses have ENGL 120 as a prerequisite. Students interested in the Geographic Information Science track are strongly encouraged to take STAT 11300 or STAT 21300 (STEM) since it is a prerequisite for GTECH 30100.

Note: Courses leading to this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core, Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major in Geography (43-45 cr)

## Geography Core 13-15 credits

## GEOG 10100 - People and Their Environment

## Hunter Core

Individual and Society - Social Science
GER

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

```
3 hrs
3cr.
offered fall and spring.
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-or-

## GEOG 15000 - World Regional Geography

```
Pluralism and Diversity
PD/A or D
GER
2/B
```

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr .
Offered fall and spring
-or-

## GEOL 10500 - Introduction to Environmental Geoscience

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
3 cr.

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## GER

2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring
or both

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring. and

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
$3 c r$.

## GTECH 10100 - Digital Earth

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of the world, address world problems, and make sound decisions. Students will learn how satellites take complete
photographs of the entire planet, Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.
3 hr .
3 cr .

One Approved Capstone course from the following list (3 credits):

## GEOG 48000 - Capstone in Urban and Social Geography

Individual or group research project as capstone experience in urban and social geography.
prereq: Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## PGEOG 48000 - Capstone in Physical Geography

Individual or group research project as capstone experience in physical and environmental geography.
prereq: Senior standing as a geography or environmental studies major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr.

## GTECH 48000 - Capstone in Geographic Information Science

Individual or group research project as capstone experience in geographic information science.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## GEOG 49000 - Honors in Geography

Upper $\mathrm{Jr} / \mathrm{Sr}$ geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr.

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

## GTECH 49000 - Honors in Geographic Information Science

Open to qualified Track C geography majors.
prereq: Senior standing, a minimum GPA of 3.5 in the major, approval of undergraduate adviser, and signed project contract with faculty sponsor
3 hrs
3 cr .

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu - tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser. 1-4 cr.

## GTECH 49800 - Internship in Geographic Information Science

Open to qualified geography majors and minors. Opportunities for working in positions of responsibility in professional institutions for academic credit.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .
Note: To graduate with departmental honors, students must hold senior status, have a minimum GPA in the major of 3.5 , and complete GEOG 49000 or PGEOG 49000 or GTECH 49000 as their capstone course.

## Track A: Urban and Social Geography (30 credits)

## 5 courses from the list below (15 credits)

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.

3 hrs
3 cr .
Offered fall and spring

## GEOG 24100 - Population Geography

Pluralism and Diversity<br>PD/B or C<br>GER<br>3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GEOG 24300 - Urban Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr .

## GEOG 24400 - Political Geography

## GER

3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

GER
3/B
This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

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effective term }201
prereq: ENGL 12000, and GEOG 10100 -or-GEOG 15000
3 hrs
3cr.
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## GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.
prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr .

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $\$ 15$
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

2 courses with a GEOG 30600 course number ( 6 credits)

## GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.

Advanced topics in urban geography. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.

## GEOG 38300 - Special Topics in Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
$1-3 \mathrm{cr}$

## GTECH 38500-GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered.
May be repeated for credit as topics change.
Material Fee:\$ 15
prereq: GTEC 20100 or equiv.
3 hrs
3 cr.
Note: Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a prerequisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.

## Track B: Physical and Environmental Geography (30 credits)

The following 15 credits
PGEOG 21200 - Geography of Soils and Vegetation

GER
3/B

## PGEOG 25000 - Earth System Science I

## GER

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them. prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## GEOL 23100 - Principles of Geomorphology

## GER

2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $\$ 15$
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## GTECH 20300 - Introduction to Remote Sensing


#### Abstract

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.


Material Fee: $\$ 15$
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr.
-and-
Five 300-level courses with a PGEOG, GEOL, and/or GTECH prefix with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals ( 15 credits)

## Track C: Geographic Information Science (30 credits)

The following 9 credits:

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $\$ 15$
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: \$15
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr.

## GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.
prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr .
and

## The following 15 credits:

## GTECH 30100 - Quantitative Methods in Geography

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr .

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field
exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.
prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 36100-GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr .
-and-

2 additional 300-level GTECH courses with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals

Note: GTECH 30100 has GTECH 20100 and STAT 11300 or STAT 21300 as prerequisites. Selected GTECH 38500 courses have GEOG or PGEOG prerequisites in addition to GTECH 20100.

## Track D: Sustainability Studies (30 credits)

Five courses from the list below ( 15 credits):

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

## GEOG 24500 - Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.
prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr.

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr.

## GEOG 24100 - Population Geography

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.
prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## WGSL 20017 - Globalization and Gender

Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'
prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr .

The following 9 credits:

## GEOG 38300 - Special Topics in Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr

## GEOG 37000-Geography of Sustainable Development in Developing Countries

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 37100-Rural Water Supply in Developing Regions

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner. prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

* Note: GEOL 38328 Environmental Ethics is the required course; no other 38300 course will be acceptable.

2 courses with a GEOG 30500, GEOG 30600, GEOG 38300 or GTECH 38500 course number ( 6 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

Note: Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a pre-requisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.

## Minors for Geography Majors

A minor course of study is no longer required at Hunter College. However, geography majors can elect to minor in any field of their choice. It is recommended, but not required, that the chosen field be related to the student's principal interest(s) in geography, and that the student consult with the Geography Undergraduate Adviser prior to selection of a minor course of study.

## Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEOG or GTECH prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

## Minor in Geology

A minor in geology consists of a minimum of 12 credits selected from courses with a GEOL prefix, or PGEOG 23100, or PGEOG 33400, or GTECH 35000. Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000 (STEM), GEOL 10000, GEOL 10500, GEOL 18000; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100*, GEOG 22600, GEOL 28000, or GTECH 20100; and
- at least one course (minimum of 3 credits) from the 300-level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).
*PGEOG 25000 is a prerequisite for PGEOG 25100


## Options in Social Studies Education within the Geography Major

The Department of Geography and the School of Education provide opportunities for students to prepare for a career in teaching social studies in grades 1-6 (Childhood Education)or in grades 7-12 (Adolescent Education).

1. Option in Social Studies within the Geography Major for Childhood Education Teachers
2. Option in Social Studies within the Geography Major for Adolescent Education Teachers

## Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to the following and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

## GEOG 49000 - Honors in Geography

[^12]1 sem
3 cr.

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

## The following courses

Also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

## GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept. 1-3 cr.

## GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept. 1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept. 1-3 cr.

## PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
$1-3 \mathrm{cr}$.

## PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or $P G E O G$ 13000, perm instr.
1-3 cr.

## PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

## Fieldwork

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Education Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

## Graduate Study

Graduate-level courses may be taken for credit toward the bachelor's degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

## Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu - tions for academic credit. See undergraduate adviser.

1-4 cr.

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
$1-4 \mathrm{cr}$.

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000 , GEOL 10100 , GEOL 10500 , GEOL 18000 ; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100 *, GEOG 22600 , GEOL 28000 , or GTECH 20100 ; and
- at least one course (minimum of 3 credits) from the 300 -level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).
*PGEOG 25000 is a prerequisite for PGEOG 25100


## Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEO or GTEC prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

## Minor in Geology

## A minor in geology consists of a minimum of 12 credits as follows:

## One course selected (at least 3 credits) from

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.

## GEOL 10200 - Plate Tectonics and the Earth's Evolution

GER
2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

## GEOL 10500 - Introduction to Environmental Geoscience

## Hunter Core

Scientific World (SW)

## GER

2/E (Non lab course)

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
3 cr .

## GEOL 18000 - Introduction to Oceanography

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the

Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring and

## at least one course (minimum of 3 credits) selected from

## GEOL 20500 - Environmental Geology

## GER

3/B
As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
$3 c r$.

## GEOL 23100 - Principles of Geomorphology

## GER

2/E or 3/B
Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr .

## GEOL 28000 - Marine Geology

GER
3/B
Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.

# at least one course (minimum of 3 credits) from the following list of 300-level courses 

## GEOL 33400-Geomorphology: The Study of Beaches and Coasts

## GER

3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.
prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr .

## GEOL 38000 - Advanced Oceanography: Physics of the Oceans

## GER

3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean.
Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.
prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr .

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.
GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

## GTECH 35100 - Field Techniques in Geography


#### Abstract

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required. Material Fee: \$300-400 prereq: GTEC 20100, any two additional geography or geology courses, perm dept. 90 hrs field/lab work (3 days lab, 7 days field) 3 cr. Offered summer intersession (check with dept. in April).


## PGEOG 36100-Global Climatic Change

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .

## PGEOG 36300 - Environmental Hazards

## GER

3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr .
or other approved course

## Other

A minimum of one lab* or field course** or other approved course with a field component is required

# Option in Social Studies within the Geography Major for Adolescent Education Teachers 

Return to: Geography - BA

In cooperation with the The School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching social studies in grades $7-12$. In addition to mandatory course work provided by the School of Education, interested students must complete the course of study outlined below. At least 18 credits of these courses or equivalents must be satisfactorily completed (grade of C or better) before the student enrolls in the social studies methods courses. Refer to the catalog section specific to programs in the The School of Education.


#### Abstract

Transfer students who enter Hunter College with more than 90 credits or who will exceed 90 credits in completing the prerequisites for this option in the Geography major, cannot apply for the Adolescent Education program of the School of Education. They may still complete this option within the Geography major but must complete a Master of Arts degree in Adolescent Education before certification as a New York State teacher. While New York State recognizes the regular major in Geography for certification in Childhood Education, students interested in becoming certified as Social Studies-Adolescent Education teachers in New York State must complete this interdisciplinary course of study.


## Prerequisites for the Major 9 credits

## HIST 15100 - The United States from the Colonial Era to the Civil War (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 15200 - The United States from the Civil War Era to the Present (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## GEOG 15000 - World Regional Geography

```
Pluralism and Diversity
PD/A or D
GER
2/B
```

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## Requirements for the Major 36 credits

## ECO 10000 - Introduction to Economics

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>GER<br>2/B

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr.

## GEOG 24100 - Population Geography

Pluralism and Diversity
PD/B or C
GER
3/B
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .
HIST 11100 - World History to 1500

## Hunter Core

World Culture and Global Issues (WCGI)

## Pluralism and Diversity

PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 11200 - World History from 1500 to the Present

## Hunter Core

World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

1. Required courses (18 cr.)

## POLSC 11000 - American Government: A Historical Introduction (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

## GEOG 24100 - Population Geography

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## HIST 11100 - World History to 1500

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 11200 - World History from 1500 to the Present

Hunter Core<br>World Culture and Global Issues (WCGI)<br>\section*{GER}<br>2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.

Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
2. One 3-credit course in cultural anthropology (ANTHC) or Sociology (3 cr)

- One 3-credit course in cultural anthropology (ANTHC) or Sociology (SOC) selected with approval of the Geography Undergraduate Adviser.


## 3. Elective Courses in History (6 credits)

- Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

4. Elective Courses in Geography ( 9 credits, at least 6 credits at the 300level)

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and $\mathrm{Jr} /$ Sr standing
3 hrs
3 cr .

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr .

GEOG 34200 - Geography of International Migration and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr.

## GEOG 24700 - Cultural Geography

## GER

3/B
This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr .

## GEOG 35700 - Geography of New York City and Vicinity

## GER

3/B

Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 10100
3 hrs
3 cr .
Offered fall.

## GEOG 38000 - Seminar in Geographic Concepts and Methodology

## GER

3/B
An investigation of the evolution, conceptual framework, and methodological approaches of modern geography. Course goals are: increase student competence and marketability as a teacher; review content of geography with teaching in mind; share strategies, ideas activities (as befits a seminar course); familiarization with national and state standards; develop and acquire appropriate classroom-ready materials; acquire a classroom-ready photo collection; explore links to other subjects; and develop appropriate bibliographies of children's literature and websites.
prereq: perm instr.
3 hrs
3 cr .

## Option in Social Studies within the Geography Major for Childhood Education Teachers

In cooperation with the School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching in grades 1-6. Students may choose to complete the Geography - BA , in addition to successful completion of the QUEST program. Interested students may also choose to complete the course of study outlined below. The option in Social Studies for Childhood Education is available only to students who are accepted into the QUEST program.

Students not accepted to the QUEST program, or students not eligible to apply to the QUEST program, should complete the traditional Geography major outlined above. They must complete a Master of Arts degree in Childhood Education before being certified as a New York State teacher.

## Program Prerequisites (9 credits)

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core<br>US Experience in its Diversity (USED)<br>GER<br>$1 / \mathrm{C}$ or $2 / \mathrm{B}$

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 15200 - The United States from the Civil War Era to the Present (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
$1 / \mathrm{C}$ or $2 / \mathrm{B}$

American political, social and cultural history from the Civil War to the present.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

GEOG 15000 - World Regional Geography

```
Pluralism and Diversity
PD/A or D
GER
2/B
```

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized
behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr .
Offered fall and spring

## Requirements for the Major (30 credits)

## Required Courses (18 credits)

## HIST 11100 - World History to 1500

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

HIST 11200 - World History from 1500 to the Present

Hunter Core<br>World Culture and Global Issues (WCGI)<br>GER<br>2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## GEOG 24100 - Population Geography

## Pluralism and Diversity

PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.
prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
$3 c r$.

## POLSC 11000 - American Government: A Historical Introduction (W)

Hunter Core<br>US Experience in its Diversity (USED)<br>GER<br>1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## 2. Elective Courses in Geography (6 credits)

Choose any two of the following:

## GEOG 24300 - Urban Geography

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr .

GEOG 34200 - Geography of International Migration and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.

3 hrs
3 cr .

## GEOG 24700 - Cultural Geography

## GER

3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr.

## GEOG 35700-Geography of New York City and Vicinity

## GER

3/B
Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 10100
3 hrs
3 cr.
Offered fall.

## GEOG 38000 - Seminar in Geographic Concepts and Methodology

GER
3/B

An investigation of the evolution, conceptual framework, and methodological approaches of modern geography. Course goals are: increase student competence and marketability as a teacher; review content of geography with teaching in mind; share strategies, ideas activities (as befits a seminar course); familiarization with national and state standards; develop and acquire appropriate classroom-ready materials; acquire a classroom-ready photo collection; explore links to other subjects; and develop appropriate bibliographies of children's literature and websites.
prereq: perm instr.
3 hrs
3 cr .

## 3. Elective Courses in History (6 credits)

Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

## German

## About the Department

German Program Description

## Foreign Language Requirement

1. Students who begin German as a new language will fulfill the foreign language requirement by taking 12 credits in the elementary/intermediate language sequence: GERMN 10100-GERMN 10200 (or GERMN 10300), GERMN 20100-GERMN 20200 (or GERMN 20300)
2. Students who enter with one or more years of high school German must take all the credits they need so that they can pass GERMN 20200 (or GERMN 20300).
3. Students who enter with four years of high school German will be exempted from the foreign language requirement (see the General Education Requirement section of this catalog).

## Placement

Students who have some knowledge of German should consult with one of the departmental advisers or the chair for placement in a class that is appropriate for them.

## Programs and Courses

Programs and Courses in German

## Administration and Faculty

## Department Office:

Elizabeth Zoiner<br>1405 West<br>(212) 772-4980<br>fax: (212) 772-5746<br>zoiner@genectr.hunter.cuny.edu<br>Web site: http://www.hunter.cuny.edu/german<br>\section*{Chair:}

Lisa Anderson (on sabbatical in fall 2016)
1408 West
(212) 772-5006
lisa.anderson@hunter.cuny.edu

Acting Chair (fall 2016)
Elke Nicolai
1406 West
(212) 772-4985
enicolai@hunter.cuny.edu

## Faculty

German Faculty

HEGIS Code: 1103

## German - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## GERMN 10100 - Elementary German I

## Hunter Core

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .
GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr.

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
$3 c r$.
GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr.
-Or-

## GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr .

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

Major- 24 credits

The major consists of 24 credits chosen from the following courses:
Advanced courses in language, level I (30100-31200):

## GERMN 30100 - Advanced German Comprehension and Conversation

## GER

3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 30200 - Advanced German Conversation and Composition

## GER

3/A

Intensive practice in speaking and writing German.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.

3 hrs
3 cr .

GERMN 31000 - Advanced German Language Studies

## GER

3/A

Intensive language study in a German speaking country. May be repeated at different levels.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 31200 - Introduction to Business German

GER
3/A

Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union. (Conducted in German)
prereq: GERMN 30100 or perm instr.
3 hrs
3 cr .
Advanced courses in literature, level I (32000-33900):
GERMN 32000 - Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 32100 - Individual and Society in Modern German Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

The central conflict between individual liberty and societal constraints as reflected in short stories,novellas and plays by 20th century authors such as Kafka, Brecht. Böll and Frisch.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 32200 - German Civilization

```
Pluralism and Diversity
PD/D
GER
3/A
```

Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
$3 c r$.

## GERMN 32300 - Women in German Literature

```
Pluralism and Diversity
PD/C
GER
3/A
Reading and discussion of literature from the 19th century to the present written in German by and about women.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
```

GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32800 - German Children's and Adolescent Literature

Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 33400 - The German Short Story and Novelle

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
$3 c r$.

## GERMN 33500 - German Radio Plays: Hoerspiel

```
Pluralism and Diversity
GER 3/A PD/D
GER
3/A
Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
```


## GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A
Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
Advanced courses in literature, level II (34000-35900):
GERMN 34100 - German Drama from Age of Goethe to Naturalism

```
Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3cr.
```

GERMN 34200 - The German Novel
Pluralism and Diversity
PD/D
GER
3/A

Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
$3 c r$.
GERMN 34300-German Literature from Its Origins to the Age of Goethe

Pluralism and Diversity
PD/D
GERMN 34400 - Readings in Classical Period of German Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of selected works by Lessing, Goethe and Schiller.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 34500 - Literature of Weimar Republic

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 34600-German Literature of the 1930s and 1940s

```
Pluralism and Diversity
PD/D
GER
3/A
```

Reading and discussion of literature written between the time of the Weimar Republic and 1945. (Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.
GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German
Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 35000 - Austrian Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 35300-Goethe's Faust

```
Pluralism and Diversity
PD/D
GER
3/A
Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3cr.
```

GERMN 35900-German Literary Seminar

Pluralism and Diversity
PD/D
GER
3/A

Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
Advanced courses in language, level II (all course numbers beginning with 38500);

## GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

## GER

3/A
Reading and discussion of present-day German newspapers and magazines.
(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with
student needs. Please consult the chair of the department or a departmental adviser for specific details. prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr .

## GERMN 38502 - Advanced Business German

## GER

3/A
Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: GERMN 31200 or perm. instr.
3 hrs
3 cr .

## GERMN 38503 - German Grammar for Upper- Level Discourse

## GER

3/A
Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse.
(Conducted in German)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: three courses above GERMN 30000 or equiv (excluding courses in English translation)
3 hrs
3 cr .

## Special projects:

## GERMN 44400 - Seminar Studies in German Literature and Language

## Pluralism and Diversity

PD/D
GER
3/A

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 2000 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 49100 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

## GERMN 49200 - Independent Study in German

Number of credits to be determined in advance in consultation with faculty member on basis of work planned. (Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

## GERMN 49300 - Individual Studies Project in German Studies

Individual research on German-studies topic under direction of faculty member. Written report required.
(Conducted in German)
prereq: perm chair
3 cr.

## GERMN 49800 - Internship

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details. prereq: perm of chair
1-4 cr.

## Additional Information

At least 12 credits must be earned by taking advanced classes in German literature and culture (numbered 3200035900; also 44400).

Three or more of these credits must be from level II literature courses (numbered 34000-35900; also 44400). Majors are permitted to substitute one level I literature course (numbered 32000-33900) with a level II language course (any course with a number that begins with 38500 ).

Students are encouraged to consult a departmental adviser as early as possible to plan their course of studies in German.
Students who begin German in college may count the following as major courses.

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .
-or-

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## Preparation for Teaching in Grades 7-12

In cooperation with the School of Education, the program in German provides opportunities for students to prepare for a career in teaching German in grades 7-12. Students preparing to teach German must complete a 33 -credit major option (Option 2) for teaching that includes the 24 -credit sequence (Option 1) taken by non-teaching majors plus 9 additional credits: GERMN 39900 and 6 additional credits in advanced GRMN language and literature courses in the German Department between GERMN 30100 and GERMN 44400 or GERMN 24000, GERMN 24100 or 300-level courses related to German studies offered in other departments (with prior approval by the chairperson of the German Department). Students interested in teaching German in New York schools will take the 23-credit pedagogical sequence for grades 7-12 Languages Other than English: Chinese, French, German, Hebrew, Italian, Russian, Spanish (BA) Additional Coursework and Student Teaching along with the major in German. This sequence may count toward the course requirements for New York State Certification but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the School of Education. All students who want to pursue a teaching certificate in German must take an oral examination with the German Department. See the The School of Education section of this catalog for further information.

## Minor in German

Foundational Courses must be completed before embarking upon the minor. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## GERMN 10100 - Elementary German I

## Hunter Core

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
$3 c r$.

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
$3 c r$.

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .
-or-

## GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr .

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## Courses Required for the Minor

12 credits in language and literature taught in German at the 300 -level or higher are required for the minor.

- GERMN 30100 to 35900
- GERMN 38100 to 44400

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 320.00 and GERMN 35900. Students who begin their study of German in college may count GERMN 20100 and GERMAN 20200 or GERMN 20300 towards the minor and will need to take two courses at the 300-level.

## Electives

All courses offered are open to all qualified students as electives. For placement, consult a departmental adviser or the department chair.

## Honors, Tutorials

Consult the department chair for these special programs. In order to graduate with departmental honors the student has to write an honors essay in the following. Please check under "Academic Honors" for exact details. Students who qualify can be elected to the German Honor Society Sigma Epsilon Phi. Please consult the department for exact requirements.

## GERMN 49100 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

## Study Abroad

The German Department sponsors a summer study abroad program in Kassel, Germany, for students at all levels.

## Exchange Program with Pädagogische Hochschule Karlsruhe, Germany

The German Department has a semester-long or year-long exchange program with the Pädagogische Hochschule Karlsruhewww.ph-karlsruhe.de/index.php. The department will help students seek financial support. Please consult the department for details.

## International Examinations

The German Department is a testing site for the "Goethe Zertifikate" B1, B2 and C1. These examinations are given world-wide by the Goethe Institute www.goethe.de/lrn/prj/pba/bes/enindex.htm, the cultural arm of the German government.

## Minor in German

## I. Foundational Courses for the Minor Core

## GERMN 10100 - Elementary German I

```
Hunter Core
World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3cr.
```

-and-

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr .
-or-

## GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
$6 c r$.

## II. Intermediate Core

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .
-and-

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr.
-or-

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr.

## III. Required Core

Courses required for the Minor: 12 credits in language and literature taught in German at the 300-level or higher.

- GERMN 30100 to 35900
- GERMN 38100 to 44400

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 320.00 and GERMN 35900 . Students who begin their study of German in college may count GERMN 20100 and GERMAN 20200 or GERMN 20300 towards the minor and will need to take two courses at the 300-level.

## Health Careers Preparation

## About the Program

The Post-Baccalaureate Certificate Program in Health Careers Preparation is designed to provide students interested in careers in medicine, veterinary medicine, denistry, podiatry, and optometry with the opportunity to complete the undergraduate-level pre-health professional curriculum at Hunter College and obtain a Certificate in Health Careers Preparation. Prospective students typically fall into one of two categories:

- Students with fewer than 15 credits in undergraduate science who have demonstrated interest in a health profession are considered for the Preparatory Track.
- Students with existing science background who are in need of further science preparation or improvement of science performance (due to low grades or credits more than 10 years old) are considered for the Enrichment Track.
Once accepted, all students in the certificate program must complete a minimum of 38 credits in science courses at Hunter College, as well as 56 hours of service to the Hunter College community. Through regular advising provided by Hunter College's Pre-Health Office, a specific sequence of required courses will be tailored to each student's academic background and professional program needs.


## Program and Courses

Post-Baccalaureate Certificate

## Administration

Pre-Health Advising Office:<br>1208 Hunter East<br>Telephone: (212) 772-5244; fax: (212) 772-5138<br>Web site: http://www.hunter.cuny.edu/prehealth

## Pre-Health Advising Staff

Veronica Mitchell, MSW, MFA
Post-Baccalaureate Pre-Health Adviser
1209 Hunter East, vm435@hunter.cuny.edu

## Kemile Jackson

Pre-Health Programs Coordinator
1207 Hunter East, kj172@hunter.cuny.edu

## Nina Ledis

Pre-Health Professional Schools Application Adviser
1209 Hunter East nl772@hunter.cuny.edu

## Pre-Health Office Staff

## J.D. Blanco

1208 Hunter East jb1723@hunter.cuny.edu

# Post-Baccalaureate Certificate Program in Health Careers Preparation 

Return to: Health Careers Preparation

The Post-Baccalaureate Certificate in Health Careers Preparation Program is designed for students who wish to enter a professional program in medicine, dentistry, optometry, podiatry or veterinary medicine but whose undergraduate education does not meet the requirements for these programs. Students interested in entering programs in nursing, nutrition, physical therapy, pharmacy or physician assistant studies are not eligible for the Post-Baccalaureate Certificate Program.

## Admission Criteria

We encourage prospective students who meet the admission criteria to apply to our certificate program. All applicants must:

- Hold a baccalaureate degree from an accredited institution with a minimum overall GPA of 3.00 (students with undergraduate degrees in progress are not eligible to apply). Internal Hunter College second degree candidates must have a minimum overall GPA of 3.5 and have completed no more than 12 credits of required science courses (Biology, Chemistry or Physics) at Hunter in order to apply to the program.
- Apply for admission to City University of New York (CUNY), Hunter College.
- Submit a completed Post-Baccalaureate Certificate Program supplemental application by the December 15th deadline.
- Demonstrate their commitment to a career in the health professions through paid or volunteer experience.


## Application Procedures

Admission to the program is limited to the fall semester. Application to the program is a two-step process. For detailed, step-by-step instructions for completing the application procedures, please refer to the Prospective Post-Baccalaureate Student section of the Pre-Health Website at:
http://www.hunter.cuny.edu/prehealth/the-post-baccalaureate-certificate-program/prospective-students/information-for-prospective-post-baccalaureate-students/

All prospective students must submit a supplemental application directly to the Pre-Health Advising Office at Hunter College. The supplemental application is completed electronically and is available on the Pre-Health website in midfall. In addition to a supplemental application all candidates for the Post-Baccalaureate Certificate Program must apply to CUNY as transfer students. The 4-digit code for Hunter's Post-Baccalaureate Certificate Program is 0339, and this must be selected in order for the student to be considered for the program. All students must submit their official transcripts directly to CUNY through the CUNY Application Portal. High school transcripts are NOT required. The Admissions Committee may also request an interview and/or letters of recommendation for applicants sometime after the supplemental application has been submitted.

## Deadlines

Both CUNY and supplemental applications must be received (by CUNY and the Hunter College Pre-Health Office) by December 15 of each year to be considered for admission to the Program in the fall. Applications received after December 15 may not be considered.

## Program Requirements

To complete the Program, all Post-Baccalaureate Certificate students starting in fall 2010 and after must:

- Complete one year of college-level English. This requirement can be fulfilled by undergraduate transfer credit and/or by taking courses at Hunter College.
- Complete one year of college-level mathematics beyond pre-calculus. This requirement can also be fulfilled by undergraduate transfer credit and/or by taking courses at Hunter. There are two ways to fulfill this requirement at Hunter:

1. MATH 15000 (STEM) (calculus) and MATH 15500 (STEM) (calculus II)
2. MATH 15000 (STEM) (calculus) and STAT 21300 (STEM) (STAT 113 does not fulfill this requirement)

- Complete 38 credits in science (biology, chemistry or physics) at Hunter College.
- Maintain a 3.3 GPA for every semester in the program with no individual course grade below B-.
- Provide 56 hours of service to the Hunter College Community during their time in the program. Tutoring in science courses, mentoring undergraduate students, and assisting with activities sponsored by the Pre-Health Advising Office are examples of activities that fulfill the service commitment requirements.
- Obtain a committee letter from the Pre-Health Advisory Committee at Hunter College.


## Courses and Requirements

The exact titles and sequence of courses for Post-Baccalaureate students depend on their individual academic needs and availability of courses at Hunter College each semester. Students typically take 9-12 credits of mathematics/science per semester but individual students' course loads can vary depending on their schedules of extracurricular activities and other factors.

In addition to the mathematics and English requirements stated above, typical course work for pre-health students includes the following:

- One year of general biology with lab: BIOL 10000 (STEM) and BIOL 10200 (STEM) (4.5 credits each, including lab) offered in spring and fall semesters, respectively.
- One year of general chemistry with lab: CHEM 10200 (STEM) and CHEM 10400 (STEM) (lecture, 3 credits each) and CHEM 10600 (STEM) (lab, 3 credits). CHEM 10400, which serves as a pre-requisite to CHEM 10600 may be taken concurrently to satisfy requirements.
- One year of Organic Chemistry lectures: CHEM 22200 and CHEM 22400 (4 credits each); and one year of Organic Chemistry labs: CHEM 22300 and CHEM 22500 ( 2.5 credits each).
- One year of general physics with lab: PHYS 11000 (STEM) and PHYS 12000 (STEM) ( 4.5 credits each, including lab).
- One semester of Biological Chemistry BIOL 30000 or a year of Biochemistry CHEM 37600, CHEM 37700 and CHEM 37800


## Additional Courses

Students may use classes from the following list of upper division biology and chemistry courses to fulfill the requirements for the program:

## Courses

## BIOL 30600 - Developmental Biology

## GER

3/B

Major topics include molecular and cellular mechanisms of early embryonic development in amphibians, mammals and model organisms such as Drosophila, as well as the related subjects of vertebrate organ system development, biology of stem cells and animal cloning. Emphasis is placed on seminal and current research in cell-cell communication, signal transduction and differential gene regulation in developmental processes.
prereq: BIOL 30000
3 hrs (lec)
3 cr .
fall only

## BIOL 35000 - The Biology of Cancer

## GER

3/B

When a normal cell becomes a cancer cell there are genetic changes that occur that alter the biology of the cell such that it behaves independent of its neighbors. This course will investigate the altered biology of cancer cells that lead to uncontrolled proliferation and cancer. Topics include: cell culture, the cell cycle, hormones, receptors, intracellular signal transduction, oncogenes, tumor suppressor genes, apoptosis, metastasis, and the etiology of human cancer.
prereq: BIOL 20000, 30000, or perm instr.
3 hrs (lec)
3 cr .

## BIOL 36000 - Cellular and Molecular Immunology

## GER

3/B
Study of the immune system from a molecular perspective. Molecular genetics of antibody and T cell receptor diversity, hematopoiesis and lymphocyte development, humoral and cellular immunity, histocompatibility.
prereq or coreq: BIOL 30000, perm instr.
4 hrs (3 lec, 1 disc)
3.5 cr.
spring only

## BIOL 37000 - Physiology of the Nervous System

## GER

3/B
A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)

```
4 cr.
spring only
```


## BIOL 37500 - Molecular Systematics

## GER

3/B
An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest in phylogeny and population biology.
prereq: BIOL 30000 or perm instr.
3 hrs
3 cr .

## BIOL 37600 - Endocrinology

## GER

3/B
Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

## BIOL 38000 - Molecular Neurobiology

## GER

3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

## CHEM 35000-Biophysical Chemistry

```
Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr
```


## CHEM 32200-Organic Chemistry Lecture III

## GER

3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.
prereq: CHEM 22400 with grade of C or better, perm instr.
3 hrs
3 cr .

New Required Courses for Medical School

Students intending to apply to medical school are now required to complete

## PSYCH 10000 - Introduction to Psychology

## GER

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .
and

## SOC 10100 - Introduction to Sociology

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>GER<br>2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .
Consult the Sociology department or the Pre-Health Advising Office for information about the specific section recommended. These courses can also be satisfied with equivalent transfer credits.

Note:

Please refer to the Pre-Health Office website and publications for information regarding the specific coursework and extracurricular activities required by the individual health professional schools.

Time to Completion

Students must complete all of the required courses within 36 months in order to receive the certificate. A typical postbaccalaureate student completes the minimum coursework required to take standardized tests such as the MCAT or DAT within this same time period. Many students also go on to take additional upper division courses recommended by many health professional schools during the third (application) year. Decisions about professional school admissions are usually made one year after applications are submitted. Hunter College also has linkage agreements with several medical schools, which allows highly qualified Post-Baccalaureates who have completed all pre-medical requirements to matriculate in the same year in which they apply.

## Additional Fees

Hunter College Post-Baccalaureates are required to pay additional Academic Excellence fees, which are used to improve the resources available to them. Among other things, these fees entitle students to the additional support of a dedicated Post-Baccalaureate advisor and preparatory courses for standardized tests such as the MCAT. The following is a breakdown of the Academic Excellence Fee structure:

- Resident Full-time students: $\$ 500$ per semester for 12 credits or more
- Resident Part-time students: $\$ 50$ per credit
- Non Resident Full-time and Part-time students: $\$ 90$ per credit


## History

## About the Department

History is the record of human experience. Its study is a first step in learning about ourselves and our society - about economics and politics, psychology and sociology, mathematics and science, the arts and the humanities. For students whose undergraduate major is history, career opportunities are numerous and varied. Medical, law and other professional schools favor applicants with history majors because of their broad background and research skills. Moreover, while teaching has long been a popular goal for history majors, positions in government (local, state and national), in publishing and advertising, in communications and in business also await those students whose human perspective and intellectual discipline have been developed in history classes. Beyond the purely practical consideration of a profession, the study of history is exciting in its own right.

## Programs and Courses

Programs and Courses in History

## Administration and Faculty

## Department Office:

1512 West
(212) 772-5480

Web site: http://hunter.cuny.edu/history

## Acting Chair:

Donna Haverty-Stacke
1514 West
(212) 772-4412
dhaverty@hunter.cuny.edu

## Faculty

History Faculty
HEGIS Code: 2205

## History - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## ENGL 12000 - Expository Writing

## Hunter Core

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

Major

## BA: 30 credits

- A minimum of 6 credits of HIST-designated courses with a grade of C or better are required before the declaration of major
- A maximum of 9 credits in 100 -level courses may be taken.


## - A minimum of 18 credits in advanced-level courses distributed as follows:

o 6 credits in 200-level courses (not including HIST 29000)
o 9 credits in 300-level courses or higher (not including HIST 30000/HIST 40000 )

## - History Practicum

## HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more selfdirected, substantial and independent historical research projects in the future.
prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs .
3 cr .
A minimum grade of C is required to receive credit for HIST 29000

## - Historical Research or Historical Research Honors

## HIST 30000 - Historical Research (W)

## GER

3/B
Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300 -level and above not offered to freshmen.
prereq: HIST 29000 and departmental permission
3 hrs
3 cr .
-or-

## HIST 40000 - Historical Research [H]

## GER

3/B
The origins of history writing and the modern historical profession; modes of historical research; the evaluation of historical evidence; the historical and social uses of history. Recommended for all history majors. Required of students who wish to graduate with honors in history.
Courses at the 300 -level and above not offered to freshmen.
prereq: not open to students who have completed fewer than 80 credits
3 hrs
$3 c r$.

## Geographic Distribution:

- Within the requirements for the major (exclusive of HIST 30000) students must complete a minimum of 6 credits in each of the following geographic fields:
- 1) United States history
- 2) European history (includes Russia and the U.S.S.R.)
- 3) World/Non-Western history (includes Asia, Africa, Middle East, Latin America).


## Chronological Distribution:

Within the requirements for the major (exclusive of HIST 30000) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:

- If the course is at the 100 -level, it must cover material that is entirely pre- 1815 .
- If the course is at the 200 -level or higher, the majority of the material in it must be pre-1815.


## Minor

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

Requirements:

1. Four history courses of 3 credits each (or 12 credits total) taken for a letter grade ( C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)
2. Courses must be distributed in at least two geographic fields, i.e. at least one course ( 3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)
3. At least two courses ( 6 credits) must be at the 300 -level or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.
4. At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must beapproved by the History Undergraduate Advisor.
There are no prerequisites for the minor, although certain courses may have their own prerequisites.

## Declaring a Minor in History:

Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the OASIS).

## Preparation for Teaching

Childhood Education (grades 1-6)

In cooperation with the School of Education, the Department of History provides opportunities for history majors to prepare for a career in childhood education. Students complete the 30-credit History major with the childhood education sequence as a collateral major.

## Adolescent Education

Students who wish to prepare for a career in teaching social studies in grades 7-12 may take a 33- credit history major with an additional 9 credits of prerequisites History for Adolescent Education (Social Studies) In addition, students take the 23 -credit adolescent education sequence.

## Honors in History

Students will be eligible for honors in history upon the completion of all of the requirements for the major (including HIST 30000) with a 3.5 GPA and a 3.0 cumulative GPA at the time of graduation. In order to receive honors students may complete a portion of their major requirements in one of the following ways:

- completing HIST 40000 with a grade of B or better in lieu of HIST 30000 , which is required for the major OR
- completing 3 credits with a grade of B or better in an honors seminar, problems course, or tutorial (with departmental permission) in lieu of one of their 300-level or higher courses required for the major. Such seminars, honors courses, or tutorial options include:
- HIST 48300 Problems in U.S. History (Honors) (W)
- HIST 48400 Problems in European History (Honors) (W)
- HIST 48500 Problems in Non-Western History (Honors) (W)
- HIST 49300 Individual Tutorial Research Project

Note: the student must still complete HIST 30000 or HIST 40000

OR

- completing a graduate-level course (with special permission from the instructor) with a grade of B or better in lieu of one of their 300- level or higher courses required for the major.

Note: the student must still complete HIST 30000 or HIST 40000

Eligible students should apply for honors at the time they file for graduation. Applications are available from the department.

## Graduate Study

Qualified students in their junior and senior years may be admitted to graduate courses with the approval of the department chair.

## History for Adolescent Education (Social Studies)

Return to: History - BA

## Foundational Courses (9 credits)

At least 6 credits of Foundational Courses must be completed to declare the major. The remaining 3 credits can be completed along with the major.

## HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 15200 - The United States from the Civil War Era to the Present (W)

```
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.
```


## GEOG 15000 - World Regional Geography

Pluralism and Diversity
PD/A or D
GER
2/B

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## Major (33 credits)

Geography (6 credits)

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr .
Offered fall and spring

## GEOG 24100 - Population Geography

Pluralism and Diversity<br>PD/B or C<br>GER<br>3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

## GEOG 24300 - Urban Geography

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr.

## GEOG 24400 - Political Geography

GER
3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural
identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

## GEOG 24700 - Cultural Geography

## GER

3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

```
effective term }201
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3cr.
```


## GEOG 30500 - Special Topics in Urban and Regional Dynamics

Advanced topics in urban geography. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.

## GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr .

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr.

## Political Science \& Economics (6 credits)

## ECO 10000 - Introduction to Economics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

## POLSC 11000 - American Government: A Historical Introduction (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
1/C or 2/B
Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## History (21 credits)

A maximum of 6 credits in history courses at the 100 -level and a minimum of 9 credits in history courses at the 300level or above. Foundational courses do not count toward the History credits.

## World/Non-US History (12 credits)

including a least three credits in each of the following categories (courses may be used to count toward only one category; described category must comprise $50 \%$ or more of course content for course to qualify):

1) Pre-1800
2) non-Europe
3) Europe
4) One additional World/Non-US History

US History (6 credits)
all above the 100 -level

## Keystone Course in History (3 credits)

SWIM or SYNC: History Practicum or any dedicated seminar or Honors course at the 400 level approved by the Undergraduate Advisor and/or the Department Chair, as involving significant writing in the major ("SWIM") or graduate-level history course (700-level) available with permission to graduating seniors (Senior Year Non-Traditional Course; "SYNC")

# History: Major with Minor in International Affairs - BA 

Adviser: Michael Luther
Major

The major consists of 18 credits in history:

## HIST 32900-History of European Diplomacy

```
Pluralism and Diversity
PD/D
GER
3/B
From the Congress of Vienna and national unification movements through the era of total wars and cold war. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
```

HIST 36100 - America and the World in the 20th Century

Pluralism and Diversity
PD/D
GER
3/B

The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.
Courses at the 300 -level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr.

## plus 9 credits selected from

## HIST 27700 - East Asia to 1600

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27800 - East Asia, 1600 to the Present

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.
HIST 28800 - History of Africa to the 19th Century

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 28900 - Africa in the 19th and 20th Centuries

Pluralism and Diversity
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.

Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 32700 - Europe since 1914

## GER

3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 34600 - Churchill's Britain (W)

GER
3/B

The history of Britain and its empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century.The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.
Courses at the 300-level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .

## HIST 37500 - Late Imperial Russia and the Soviet Union

Pluralism and Diversity
PD/D
GER
3/B

Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 37700 - Ancient and Imperial China to 1800

## GER

3/B
China's traditions and transformation from Neolithic times to the late-imperial period, emphasizing state/society relations and the development of the centralized bureaucratic political system; covers political, economic, religious and social developments.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 37800 - China Since 1800

## GER

3/B

Internal and external challenges to China's traditional order; the collapse of the imperial system and the establishment of a republic; the warlord period; the war against Japan; the civil war between Communist and Nationalist forces;
China since the rise of the Communist Party to state power in 1949.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 39000 - History of Modern West Africa

## GER

3/B

Impact of Islam, Christianity and colonialism. Analysis of African nationalism and problems of independence. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

- Seminars, problems courses and tutorial if appropriate


## Minor

The minor consists of 18 credits including

## ECO 34000 - International Trade

## GER

3/B

Theories of international trade and international trade policies.
prereq: ECO 20000
3 hrs
3 cr .

## POLSC 37500 - International Law (W)

## GER

3/B

The course will examine the sources, principles, functions, and effectiveness of international law.
prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor
3 hrs
3 cr .

## POLSC 27800 - International Organizations (W)

## GER

3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr .
Offered fall and spring

## GEOG 24400 - Political Geography

## GER

3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

- plus 6 additional credits chosen from cultural anthropology, economics, energy and environmental studies, geography, political science, sociology, religion or other appropriate areas chosen with the approval of the adviser


## Minor in History

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

Requirements:

1. Four history courses of 3 credits each (or 12 credits total) taken for a letter grade ( C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)
2. Courses must be distributed in at least two geographic fields, i.e. at least one course ( 3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)
3. At least two courses ( 6 credits) must be at the 300 -level or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.
4. At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must beapproved by the History Undergraduate Advisor.
There are no prerequisites for the minor, although certain courses may have their own prerequisites.

## Declaring a Minor in History:

Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the One Stop).

## Human Rights

## About the Program

## Program Description

## Programs and Courses in Human Rights

Programs and Courses in Human Rights

## Administration and Faculty

## Director of the Human Rights Program and Program Adviser:

Lawrence C. Moss, Distinguished Lecturer
Roosevelt House-RH 404
212-396-6564
lawrence.moss@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/
Policy and Curriculum Committee Chair:

Leonard Feldman, Associate Professor, Political Science
1702 West

## Faculty Advisory Committee

Human Rights Faculty

## Human Rights

Return to Human Rights Program

## Minor in Human Rights

## 15-credit Minor in Human Rights (5 3-credit courses):

The minor consists of the following courses:
2 Core Required Courses

- Introduction to Human Rights (HR 20000)
- Internship in Human Rights (HR 25000)

3 Elective Cognate Courses from an approved list
The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses.

Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners.

To be accepted into the Minor program, a student must have completed HR 20000 with a B and have a cumulative GPA of 3.0.

## Certificate in Human Rights

## 24-credit Certificate in Human Rights

## 4 Core Required Courses

HR 20000 Introduction to Human Rights: History, Discourse, Practice (W)
HR 25000 Human Rights Internship
HR 26000 Human Rights Internship Seminar (W)
HR 35000 Human Rights Capstone Seminar (W)
4 Elective Cognate Courses from an Approved List

The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-beingStudents should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses.

Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners.

To be accepted into the Certificate program, a student must have at least completed HR 20000 with a B and have a cumulative GPA of 3.0/.

## Courses in Human Rights

Courses in Human Rights

## Jewish Studies

## About the Program

Jewish Studies is an inter-departmental, multi-disciplinary program offering a 24-credit major leading to a BA degree in Jewish Studies with courses in such fields as history, Hebrew language and literature, English and other literatures, religion, sociology, and political science. It also offers independent study and fieldwork on Jewish subjects and a 12credit minor.

## Programs and Courses

Program and Courses in Jewish Studies

## Administration and Faculty

## Program Office:

1546 West
(212)772-5542

## Program Director:

## Bruce L. Ruben

1546 West
(917) 538-5885
bruben@hunter.cuny.edu

## Faculty

## Jewish Studies - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Jewish Studies Major

The Jewish Studies program offers a 24 -credit major. The 24 required credits are distributed as follows:

## Required of All Majors

The 6 core credits required of all majors are:

## HIST 20800 - History of the Jews

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000

3 hours
3 credits

## HEBR 22200 - Introduction to Jewish Texts and Writings

## Hunter Core

World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

## 15 Credits in Jewish Studies

In addition to the core courses, students must select 15 credits in Jewish studies in conjunction with the program adviser, at least 6 of which must be at the 300 -level or above. Students are encouraged to select from, but are not limited to, the following:

## HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr .

HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

## HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

## GER

3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

## HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr.
HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.
HIST 24200 - The Holocaust: An Introduction

Pluralism and Diversity
PD/D
The attempt to exterminate the Jewish people by the Nazis.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B
The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31000 - Jewish History in the Medieval and Early Modern Periods

```
Pluralism and Diversity
PD/D
GER
3/B
```

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 32100-History of the Holocaust

GER
3/B

Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 35700-American-Jewish History (W)

Pluralism and Diversity
PD/D
GER
3/B
Development of the American Jewish community; economic, political and social integration; cultural adaptation. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
JS 31000 - Jewish Studies Fieldwork

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr .
prereq: qualified $J r / S r$.
hrs TBA
3-6 cr.

## JS 40000 - Individual Honors Project

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified $\mathrm{Jr} / \mathrm{Sr}$, perm instr. or program director
prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
$3-6$ cr.

## JS 41050 - Jewish Studies Seminar I

Selected topics and problems in Jewish studies.
prereq: qualified $J r / S r$, perm instr. or program director
3 hrs
3 cr. each

## JS 41051 - Jewish Studies Seminar II

Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr. each

## POLSC 26400 - Government and Politics of Israel (W)

## GER

3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament)
prereq: ENGL 12000

3 hrs
3 cr .

## REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr .

## More Options

Other courses that may be selected to meet this 15-credit requirement are ENGL 38663 (ENGL 38600), The Bible in British and American Literature, ENGL 39058 (ENGL 39000), Literature and Catastrophe (focus on Holocaust Studies), ENGL 39968 (ENGL 39900), Jewish American Literature, HIST 740, Modern Jewish Social and Intellectual History (see graduate catalog) and HIST 748, American Jewish History (see graduate catalog).

Note

Up to 6 credits of independent study and fieldwork may be taken unless special permission is obtained from the program adviser.

## Capstone Course (3 Credits)

One of the following courses should be taken as a capstone course:

## JS 40000 - Individual Honors Project

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified $\mathrm{Jr} / \mathrm{Sr}$, perm instr. or program director prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

## JS 41050 - Jewish Studies Seminar I

Selected topics and problems in Jewish studies.
prereq: qualified $J r / S r$, perm instr. or program director
3 hrs
3 cr. each

## JS 41051 - Jewish Studies Seminar II

Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr . each

## Minor in Jewish Studies

The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of higher learning may be applied to the minor. Jewish Studies minors cannot apply any 100-level courses to the minor.

## Honors in Jewish Studies

Students will be eligible for honors in Jewish Studies upon completion of 24 credits in Jewish Studies with a 3.5 GPA and a 2.8 cumulative GPA at the time of graduation. To be eligible to graduate with honors in Jewish Studies, students can take the following JS 40000 (Individual Honors Project) or JS 41050/JS 41051 (Jewish Studies Seminar, I or II), HEBR 49100 (Honors Project) or graduate courses with special permission, with a grade of B or better. Eligible students should apply for honors at the time they file for graduation.

## Minor in Jewish Studies

The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of higher learning may be applied to the minor. Jewish Studies minors cannot apply any 100 -level courses to the minor.

## Latin American and Caribbean Studies

## About the Program

Latin American and Caribbean Studies is an interdisciplinary program that offers students the opportunity to learn about the history, culture, politics, society, and political economy of the region and its relations with the United States. The LACS program, in collaboration with the Hunter College Education Abroad Office, has offered study-abroad programs in Argentina, Costa Rica, and Brazil in recent years.

## Programs and Courses

# Administration and Faculty 

Program Office:

1716 West
(212) 772-5680

Web site: http://www.hunter.cuny.edu/lacsp
Faculty
Latin American and Carribean Studies Faculty
HEGIS Code: 0308

## Latin American and Caribbean Studies - BA

The specialization in Latin American and Caribbean Studies as a major leading to a BA degree consists of 24 credits. The core courses for the major are drawn from the social sciences, humanities, and arts. Following the program's goal of exposing the region's realities from the perspectives of various disciplines, no more than two courses from any single department may count for the 24 major credits. The program recommends that students take a 12credit minor in one of the associated disciplinary departments. Students select courses for the major in consultation with the program's director or with a member of the Latin American and Caribbean Studies Faculty Advisory Committee.

The interdisciplinary specialization of the major will serve graduates well, whether they choose to seek employment in public or private organizations, pursue professional degrees, or go on to a graduate degree in the social sciences or humanities.

## Language Requirement

Latin American and Caribbean Studies majors are required to demonstrate a reading knowledge of Spanish, Portuguese, or French, fulfilled at least one semester before graduation from the college.

## Course Requirements for the Major

LACS students are required to take either LACS 33000 (a field course for students to study or intern in the region or intern in an institution in the New York area) or LACS 43400 (a course that comprises preparation of a major original research paper to be developed in close association with a mentor from the Latin American and Caribbean Studies Faculty Advisory Committee). ENGL 12000 is a prerequisite for program courses.

## LACS 33000 - Latin America and the Caribbean Field Course/Internship

A field course for students to study in the region or who are interning in an institution either in the New York area or in the region. Major research paper based on field or internship experience.
3 cr .

## LACS 43400 - Seminar in Latin American and Caribbean Studies

Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have instructor permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 edits.
3 cr .

## Departmental Honors

LACS majors with a GPA above 3.5 are eligible to receive the Lily Mage Award.

## CR/NC Policy

No CR/NC grades will be accepted in courses to meet LACS major requirements.

## Teaching

In addition to its distinguished regular Hunter faculty, LACS offers students courses by excellent adjunct faculty.

## Mentoring

Faculty mentoring is very important to the LACS Program. Majors should maintain regular contact with their mentors/advisers.

## Study Abroad

Study abroad is encouraged for LACS majors. Study-abroad programs are offered through the Education Abroad Programs office at Hunter College..

## Course Offerings for LACS

Course Offerings in LACS from Other Departments

## Africana and Puerto Rican/Latino Courses

Courses from Africana and Puerto Rican Studies Department

## AFPRL 10200 - Latino Communities in the United States

```
Pluralism and Diversity
PD/B
GER
2/B
```

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr .

# AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective 

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B
Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr .
```


## AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

```
Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B
```

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr .

## AFPRL 23700 - African Caribbean Literature (W)

```
Pluralism and Diversity
PD/A or B
GER
2/A
Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
cr.
```


## AFPRL 24100 - Puerto Rican History to 1897

## Pluralism and Diversity <br> PD/A <br> GER <br> 2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.

3 hrs
3 cr .

## AFPRL 24200 - Puerto Rican History Since 1898

```
Pluralism and Diversity
PD/A
GER
2/B
Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present. 3 hrs
3cr.
```


## AFPRL 24300 - Puerto Rican Culture

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C
```

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr .

AFPRL 24400 - Puerto Ricans in the United States

Pluralism and Diversity
PD/B
GER
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr .

## AFPRL 25500 - Puerto Rican/Latino Children in North American Schools

Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.
3 hrs
3 cr .
AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.

3 hrs
3 cr .

## AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

## GER

3/B

```
Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr .
```


## AFPRL 31900 - Women in the African Diaspora (W)

```
Pluralism and Diversity
PD/B or C
GER
3/B
```

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.

```
cross-listed WGSC 32900 (W)
```

prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 32000 - African-Caribbean Culture (W)

```
Pluralism and Diversity
PD/A or B
GER
3/A
```

Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr.

## AFPRL 33700-Caribbean Women Writers (W)

## GER

3/A
A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000

3 hrs
3 cr .

## AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B
GER
3/A
Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr .
AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

Pluralism and Diversity
PD/B
GER
3/B
An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr .
AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

## GER

3/A or B

Topics change according to instructor.
Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
3 hrs
3 cr .

## AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: <br> Social Science

Pluralism and Diversity
PD/B
GER
3/A or B

Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
3 cr .

## AFPRL 44500-Caribbean Short Story in Spanish: Readings and Theories

## GER

3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.
prereq or coreq: SPAN 20800
3 hrs
3 cr .

## Anthropology

ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

## Economics

## ECO 33000-Economic Development

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr .

## Geography

## History

## HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 34122 - Latin American Political Economy

GER
3/B
courses at the 300-level and above not open to freshmen
3 hrs
3 cr .
HIST 34139 - African Influences in the Americas

## GER

3/B
Courses at the 300-level and above not open to freshmen
3 hrs
3 cr .

## Music

## MUSHL 24000 - Music of the Caribbean and Latin America (W)

Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.
prereq: ENGL 12000; one of the following:MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr .
MUSHL 22100 - Black Music in the Americas (W)
Pluralism and Diversity
PD/B
GER
3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
Political Science

## POLSC 25300 - Government and Politics in Latin America (W)

Pluralism and Diversity
PD/A
GER
3/B

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 26200 - Government and Politics in Central America (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 27100 - International Politics in the Americas (W)

Pluralism and Diversity
PD/A
GER
3/B
Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B
Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000
3 hrs
3 cr .

## Romance Languages - Spanish

## SPAN 26400 - Contemporary Spanish Literature in Translation

Cela, Lorca, Unamuno, Ortega y Gasset.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot
be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
3 cr .

## SPAN 27600 - Readings in Modern Spanish- American Literature

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.
prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm. 3 hrs
3 cr .

## SPAN 33600 - Latin American Civilization

GER
3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

## SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr .

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

## SPAN 49100 - Honors Course in Spanish: Special Studies in Contemporary Latin American Literature

```
Open to Jr/Sr only. Group meetings, conferences, oral and written reports.
prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3cr.
```


## Sociology

## SOC 30700 - Migration

Pluralism and Diversity PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr.

SOC 32502 - Sociology of Human Rights: Violation and Protection

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr.

## SOC 32506 - Latin American Societies

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .
SOC 32519 - Economic Development and Social Inequality in Latin America

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

## SOC 36100 - Development and Modernization (W)

Pluralism and Diversity
PD/A
GER
3/B

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .
Women and Gender Studies
WGSA 33700 - Caribbean Women Writers (W)

## GER

3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .
WGS 20005 - Dominican and Haitian Literature and Culture

3 hrs
3 cr .

## Mathematics and Statistics


#### Abstract

About the Department The Department of Mathematics and Statistics offers majors in mathematics and statistics that prepare students for careers in business, government, research, and teaching. Students considering such majors should consult an adviser during their first or second semester to plan the proper sequence of courses and should continue to consult the adviser at least once each semester. Minors in mathematics and statistics are also offered.

Credit and Course Exemption The department offers credit or course exemption based on standard examinations such as AP. Inquiries should be made at the department office.


## Mathematics Proficiency and Placement

All students entering Hunter College must demonstrate proficiency in the basic skills through their scores on the mathematics assessment exam. Exemptions are given for SATs, ACT, NY Regents, and for certain other entrance categories. The placement exam further assesses a student's preparedness for certain courses in mathematics, statistics, and other disciplines at the college. Students may enroll in these courses only if their scores on the placement exam are at appropriate levels or if they have taken college courses in the required mathematics. Students who need to place into courses by examination and have not taken the placement exam are advised to schedule the test with the Testing Center, Room 150 Hunter North, 212-772-4868, http://hunter.cuny.edu/testingcenter, well in advance of registration. Students should notice the mathematics and statistics prerequisites that are indicated in the descriptions of courses and majors so they can effectively plan their studies.

## Programs and Courses

In planning their schedules, prospective majors should note that some advanced required courses are offered only once each year and several advanced elective courses are offered only once every other year. A rotation schedule for course offerings is available in the departmental office and on the departmental web site http://math.hunter.cuny.edu.

Prerequisites: Because of the nature of mathematics, the department recommends that students refrain from enrolling in any course that carries prerequisites unless these prerequisites have been completed with a grade of C or better.

## Administration and Faculty

## Department Office:

919 East
(212) 772-5300
fax (212) 772-4858
Web site: http://math.hunter.cuny.edu

Chair:

Robert Thompson
919A East
(212) 772-5300

## Dolciani Mathematics

Learning Center:

300 North
(212) 772-5371

## Faculty

Mathematics and Statistics Faculty

HEGIS Codes: 1701 (BA; BA/MA in Mathematics, Adolescent Education/Mathematics); 1701/1703 (BA/MA in Mathematics/Statistics and Applied Mathematics); 1702 (BA in Statistics); 1702/1703 (BA/MA in Statistics/Statistics and Applied Mathematics)

## Mathematics - BA

return to Mathematics BA Programs

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major

To enter the standard Mathematics Major, the student should have completed the Foundational Courses of one year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent). The major consists of at least 33 credits of coursework: 24 credits of core curriculum courses and at least 9 credits of advanced elective courses chosen by students according to their career plans. Proficiency in symbolic computation is also required.

## Major Core Curriculum (24 cr)

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.

## MATH 25400 - Ordinary Differential Equations

## GER

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

## MATH 25500 - Vector Analysis

## GER

3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.
prereq: MATH 25000
3 hrs
3 cr .

## MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
$4 c r$.

MATH 31100 - Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr.
MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical
software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .
-or-

## STAT 31100 - Probability Theory

## GER

3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

## Elective Courses

The student must complete three 3 -credit approved elective courses. The elective courses must be chosen from the 300or 400 -level courses in mathematics or statistics listed by the department. Factors affecting the choice of courses will include the student's career goals (preparation for graduate study; education; careers in business, government service or industry), the student's other major, where applicable, and the availability of courses due to the course rotation schedule. A 300-level course may be replaced by a graduate level course approved by a departmental adviser.

## Symbolic Computation Proficiency Requirement

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:

## a) passing any of

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000

2 hrs
1 hr .

## MATH 38500 - Numerical Methods I

## GER

3/B

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr .
b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

## Mathematics BA Programs

The mathematics major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas. It trains students in the analytic thinking characteristic of pure and applied mathematics and provides familiarity with rigorous methods of mathematical proof. In addition to offering a standard Mathematics Major, described below, the department also offers a number of specialized undergraduate tracks for students interested in pursuing careers in bioinformatics or in preparing for teaching: the concentration in Quantitative Biology, the concentration in Preparation for Adolescent Education (grades 7-12), and the concentration in Preparation for Childhood Education (grades 1-6.)

Students interested in pursuing mathematics at the advanced graduate level are urged to participate in the BA/MA program in Mathematics. The BA/MA program in Preparation for Adolescent Education leads to initial certification in adolescent education (grades 7-12) in mathematics. Certification may also be received by completing the BA degree with a Mathematics Major and then completing the MA in adolescent education in mathematics .

Mathematics - BA
Mathematics Concentration in Preparation for Adolescent Education (Grades 7-12) - BA
Mathematics Major with a Concentration in Quantitative Biology - BA
Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA
Mathematics or Statistics and Applied Mathematics - BA/MA
Mathematics Preparation for Adolescent Education (Grades 7-12) - BA/MA

## Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600 , by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

## MATH 49000 - Honors Seminar

GER
3/B
prereq: MATH 31100, 35100, departmental permission
3 hrs
3 cr.
-or-

## STAT 48600 - Modeling and Visualization

GER
3/B

The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors.
prereq: departmental permission
3 hrs
3 cr .

## Minor in Mathematics

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:

- MATH courses numbered MATH 15000 or above


## STAT 31100 - Probability Theory

GER
3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

## STAT 31200 - Stochastic Processes

## GER

3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr .
Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

# Mathematics Concentration in Preparation for Adolescent Education (Grades 7-12) - BA 

return to Mathematics BA Programs
Provisional certification for teaching mathematics in grades 7-12 may be obtained by:

- Completing the BA with a standard mathematics major, and
- Completing the adolescent education sequence as prescribed by the The School of Education.

Students following this concentration in the mathematics major should consult a departmental adviser as to which advanced elective courses are recommended to complete 33 or more credits in the major.

# Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA 

return to Mathematics BA Programs
This concentration constitutes a mathematics major for students in the Quality Urban Elementary School Teacher (QUEST) program. QUEST students majoring in mathematics are not exempt from the MATH 10400 (STEM)/MATH 10500 requirement. To enter this major, the student should have completed one semester of calculus (MATH 15000 (STEM) or the equivalent). The specified collateral major is Childhood Education. This mathematics major consists of at least 32 credits of coursework: 20 credits of major core curriculum courses and at least 12 additional credits, as described below.

The student should consult the School of Education for the sequence of teacher education courses in the Childhood Education (QUEST) major.

Major Core Curriculum ( 20 credits)

## MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000
2 hrs
1 hr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000

4 hrs
4 cr.

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .

## MATH 16000 - Matrix Algebra

GER
1/B
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
$3 c r$.

## MATH 25000 - Calculus with Analytic Geometry III

GER
3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

## MATH 26000 - Linear Algebra

## GER

3/B
Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications. prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

## Additional Required Courses (at least 12 credits)

## STAT 21200 - Discrete Probability

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time. prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 22000 - Statistical Analysis in Forensics

## GER

3/B

A second course in probability and statistics and the evaluation of evidence in the forensic sciences.
prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200 or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.
3 hrs
$3 c r$.

- Two additional courses approved by a departmental adviser


## Mathematics Major with a Concentration in Quantitative Biology - BA

return to Mathematics BA Programs
This program is for students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry.

## Foundational Courses

The requirements for the mathematics major, which also apply to the bioinformatics concentration, are the entry requirements of MATH 15000: Calculus with Analytic Geometry I (4 cr) and MATH 15500: Calculus with Analytic Geometry II ( 4 cr ), the symbolic computation proficiency requirement, which is met by taking STAT 31900, and
the following major core curriculum. Students may be except of some of these courses by placement. Please contact the Department for information on exceptions.

## Entry Requirements <br> MATH 12500 (STEM) - Precalculus

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## The Following Courses with B- or better

In order to enroll in the quantitative biology concentration within the mathematics major, students must obtain an average of B - or better in the following courses:

## STAT 21300 (STEM) - Introduction to Applied Statistics

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors. prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair 5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10500 (STEM) - General Chemistry Laboratory II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better

5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only
In addition, no more than one (1) of these four courses may be passed with a grade of C.

## Requirements for the Major

## Symbolic Computation Proficiency Requirement

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:

## a) passing any of

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000

2 hrs
1 hr .

## MATH 38500 - Numerical Methods I

## GER

3/B
Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr .
b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

## Major Core Curriculum

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

## MATH 25400 - Ordinary Differential Equations

## GER

3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
$3 c r$.

## MATH 25500 - Vector Analysis

## GER

3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.
prereq: MATH 25000
3 hrs
3 cr .

## MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
$4 c r$.

MATH 31100 - Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr.
MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical
software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 31100 - Probability Theory

## GER

3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

## Additional Required Courses

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B

Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

## CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10500 (STEM) - General Chemistry Laboratory II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis. Offered for transfer students who have completed only one semester of General Chemistry Laboratory. prereq: One semester of General Chemistry Laboratory.

3 hrs
1.5 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 42500 - Computational Molecular Biology

## GER

3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

## Note:

For more information about this concentration, visit: http://www.hunter.cuny.edu/qubi/mathematics-majors

## Mathematics or Statistics and Applied Mathematics - BA/MA

return to Mathematics BA Programs
The BA/MA program offers promising students the opportunity to complete both the bachelor's and master's requirements with a minimum of 120 credits. Requirements are the same as those for a major in the department, plus 30 credits at the graduate level. Interested students should contact the graduate adviser for further information regarding eligibility and curriculum requirements.

## Track 1: BA/MA Program in Mathematics

Students complete the BA with a standard Mathematics Major, with 30 additional credits at the graduate level in pure mathematics approved by the departmental graduate adviser.

Track 2: BA/MA Program in Statistics and Applied Mathematics
Students complete the BA with a standard major in statistics or mathematics, with 30 additional credits at the graduate level in applied mathematics, statistics, and computer science, approved by the departmental graduate adviser.

## Mathematics Preparation for Adolescent Education (Grades 712) - BA/MA

## return to Mathematics BA Programs

Students interested in secondary school teaching may pursue a combined BA/MA program in teaching. This program requires a minimum of 141 credits.

## Admission Requirements for the BA/MA in Teaching

- Completion of at least 45 credits with a GPA of 3.0.
- Completion of at least 10 credits in mathematics, including a year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent), with an average of 2.7 in these major courses.
- Admission to the The School of Education.


## Degree Requirements for the BA/MA in Teaching

The BA/MA program in the teaching of mathematics includes 47-48 credits in mathematics (in addition to the year of calculus described above) and 27 credits in teacher education courses, some of them taken at the undergraduate level and some at the graduate level. The required mathematics/statistics courses are:

- The 33 credits required for the BA in Mathematics OR the 32 credits required for the BA in Statistics.
- The following 15 graduate credits: MATH $62000,63000,63300,63500$, and STAT 61200 *or 61400 . *Although students are required to take either STAT 61200 or STAT 61400, they are encouraged to take both courses.

Also required is passing a comprehensive examination in mathematics consisting of three parts covering the material in MATH 620, 630, and 633. Students may sit for the comprehensive examination only after having taken all three courses. Students who fail any part of the examination need only retake that part of the examination. A student can take any part of the comprehensive exam in mathematics twice; after that, a committee formed by the Mathematics/Statistics Chairperson and consisting of members from the Department of Mathematics and Statistics and the Department of Curriculum and Teaching will decide if the student can take the examination a third and final time.

The student should consult the The School of Education section of the graduate catalog for the sequence of teacher education courses.

## Minor in Mathematics

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:

- MATH courses numbered 15000 or above
- STAT 31100
- STAT 31200

Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

## Minor in Statistics

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the Department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate statistics adviser concerning course selection.

## Statistics - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students will appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance
the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

## Major

To enter the major the student must have completed MATH 15000 (STEM) and MATH 15500 (STEM). Normally, the statistics major consists of 32 credits as follows: 29 credits of core curriculum courses and any additional 3-credit statistics, mathematics, or computer science course approved by the statistics adviser. Modifications are permitted with the consent of the statistics adviser. For example, a student may elect to replace STAT 21200 with a more advanced course. With permission of the adviser, a student may take graduate courses in statistics and applied mathematics. Students interested in bioinformatics take the additional courses listed in the concentration in Quantitative Biology.

## Major Core Curriculum (29 cr)

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.

## MATH 25400 - Ordinary Differential Equations

## GER

3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.
-or-

## MATH 35400 - Dynamical Systems and Chaos

## GER

3/B
Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete onedimensional dynamical systems.
prereq: MATH 25000, 26000
3 hrs
3 cr .

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

## STAT 21200 - Discrete Probability

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21400 - Data Analysis Using Statistical Software

## GER

3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building prereq: STAT 21300 or MATH 12500 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr .

## STAT 31100 - Probability Theory

GER
3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

## STAT 31200 - Stochastic Processes

## GER

3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr .

## STAT 31300 - Introduction to Mathematical Statistics

## GER

3/B
Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr .

## Actuarial Sequence

A student interested in actuarial work should take the following courses. Students are also encouraged to take courses in accounting, economics and computer science. For information concerning examinations and prizes given to undergraduates by the Society of Actuaries, consult the departmental adviser.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.
MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

```
prereq: grade of C or better in MATH 15000
```

4 hrs
$4 c r$.

## MATH 25000-Calculus with Analytic Geometry III

## GER

3/B


#### Abstract

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500 4 hrs $4 c r$.


## MATH 26000 - Linear Algebra

## GER

3/B

```
Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications. prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
\(4 c r\).
```


## STAT 31100 - Probability Theory

## GER

3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems. prereq: MATH 25000.
3 hrs
3 cr .

## STAT 31300 - Introduction to Mathematical Statistics

GER
3/B
Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr .

## Statistics BA Programs

The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Bioinformatics is a rapidly developing area open to students in statistics with a working knowledge of computing and biological sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics and economics. In addition to offering the

Statistics Major, the department has a specialized undergraduate track for students interested in pursuing a career in bioinformatics: the concentration in Quantitative Biology. The BA/MA in Statistics and Applied Mathematics offered by the department provides enrichment for undergraduate statistics majors.

Statistics - BA
Statistics Major with a Concentration in Quantitative Biology - BA
Mathematics or Statistics and Applied Mathematics - BA/MA

## Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600 , by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

## MATH 49000 - Honors Seminar

```
GER
3/B
prereq: MATH 31100, 35100, departmental permission
3 hrs
cr.
```

    -or-
    
## STAT 48600 - Modeling and Visualization

## GER

3/B
The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors.
prereq: departmental permission
3 hrs
3 cr .

## Statistics Minor

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate adviser concerning course selection.

## Statistics Major with a Concentration in Quantitative Biology BA

For students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry.

Students interested in this concentration in the statistics major should consult the adviser. Information at http://www.hunter.cuny.edu/qubi/statistics-majors

For this concentration, the student must complete the entry requirement for the statistics major (MATH 15000 (STEM) and MATH 15500 (STEM)). This major consists of the following core curriculum and additional required courses:

## Major Core Curriculum (30 credits)

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

## MATH 26000 - Linear Algebra

GER
3/B
Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

## MATH 25400 - Ordinary Differential Equations

GER
3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000

3 hrs
3 cr .
or

## MATH 35400 - Dynamical Systems and Chaos

## GER

3/B

Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete onedimensional dynamical systems.
prereq: MATH 25000, 26000
3 hrs
3 cr .

## STAT 21200 - Discrete Probability

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time. prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21400 - Data Analysis Using Statistical Software

## GER

3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building prereq: STAT 21300 or MATH 12500 and STAT 11300 with grade of C or better in each course.
3 hrs
$3 c r$.

## STAT 31100 - Probability Theory

## GER

3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

## STAT 31200 - Stochastic Processes

## GER

3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr .

## STAT 31300 - Introduction to Mathematical Statistics

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr.

## Additional Required Courses (30 credits)

## CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .
CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200

```
coreq: CHEM 10400
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6 hrs
3 cr .
(or equivalent)

## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

7 hrs
4.5 cr .
spring only

## BIOL 42500 - Computational Molecular Biology

## GER

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

## Medical Laboratory Sciences

## About the Department

Medical Laboratory Sciences Department Description

## Graduate Programs

Medical Laboratory Sciences: Graduate Program Descriptions

## Programs and Courses

Programs and Courses in Medical Laboratory Sciences

## Administration and Faculty

## Department Office:

## Chair:

## Steven Einheber

Brookdale Campus West 700A
(212) 481-4442, 4502
seinhebe@hunter.cuny.edu
www.hunter.cuny.edu/mls

## Faculty

Medical Laboratory Sciences Faculty

## Medical Laboratory Sciences - BS

## Medical Laboratory Sciences-BS

Department Chair:
Steven Einheber
Brookdale Campus West 700A
(212) 481-4442, 4502

E-mail: seinhebe@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/mls
HEGIS Code: 1223

## Curricula for the Bachelor of Science Degree

The Department of Medical Laboratory Sciences (MLS) offers two majors: (1)Medical Laboratory Sciences: Clinical Science BS and 2) Medical Laboratory Sciences: Biomedical Science BS. The Clinical Science major is intended for students pursuing careers in the diagnostic laboratory and meets the requirements for NY State licensure of clinical laboratory technologists. The Biomedical Science major is appropriate for students seeking other careers or graduate education in the biomedical field.

## Professional Outcomes

Entry-Level Positions Students completing the MLS degree are prepared for positions in a variety of settings. These include clinical (medical) technologists in diagnostic laboratories in hospitals and commercial environments, and research assistants in medical center and university labs, pharmaceutical and biotechnology companies and public health laboratories. Personnel shortages are severe in several of these areas, and opportunities are predicted to grow. The Monthly Labor Review projects a growth rate of $20.6 \%$ for clinical laboratory positions from 2008 to 2018.

The passage of the Clinical Laboratory Technology Practice Act in 2005 created a transparent professional pathway defining the education, experience and examination to qualify as a clinical technologist in New York State. http://www.op.nysed.gov/prof/clt/clplaw.htm. The course of study in the Medical Laboratory Sciences: Clinical Science major fulfills the educational and practice components for licensure. It is expected that status as licensed professionals will help to alleviate shortages in the field.

## Further Education

MLS students are encouraged to plan for postbaccalaureate education, and are guided to complete prerequisites. MLS alumni have been successful in medical and dental school, graduate programs in biomedical science (master's and PhD ), management and clinical specialties (PA, forensic science, etc.) and advanced laboratory diagnostics such as cytotechnology.

## Opportunities for Pre-Professional Experience

Professional Practice Qualified students planning for careers in the diagnostic lab enroll in MLS 41000 to fulfill the practical experience requirement of the clinical technologist license. Students are assigned to hospital, reference or public health labs for summer or semester-long internship experience in an area consistent with their interests.

## Biotechnology BS/MA

Qualified seniors may apply to the BS/MA in Medical Laboratory Sciences with Specialization in Biotechnology.The accelerated BS/MA is a collaboration between MLS and the Department of Biological Sciences. An intensive techniques workshop (BIOL 41000 ) is taken prior to graduation and upon successful completion, students may continue with professional internship and the MA program, allowing MLS graduates to complete the degree at an accelerated pace.

## Student Research

Qualified students are encouraged to participate in faculty research projects through independent study and honors courses in such areas as innate immune regulation, bacteriophage, microbial pathogenesis, antimicrobials, gastric secretion and cancer, glutamate receptors in neurological diseases and cancer, and myelination in the peripheral and central nervous systems.

## Academic Advising

MLS majors meet each semester with a faculty adviser to review progress and plan the next semester's program. The adviser helps students pace their studies appropriately. Counseling for graduate school, employment and reference support is ongoing for our alumni. A strong professional network exists among MLS alumni.

## Admission Requirements

The requirements for consideration for admission to Medical Laboratory Sciences - BS programs are as follows:
Completion of 60 credits before enrolling in MLS, including: 1 year general chemistry with lab (CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), or equiv) 1 year general biology with lab (BIOL 10000 (STEM), BIOL 10200 (STEM), or equiv) and overall GPA of at least 2.5. Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisers welcome e-mail inquiries anytime. To apply both current Hunter College students and transfer students must complete a Transfer Application with the CUNY University Application Processing Center. Visit http://www.hunter.cuny.edu/prospectivestudents/ug_students/transfer.shtml and select On-Line Application from the choices. Be sure to select "Medical Laboratory Sciences" at Hunter College as the choice of curriculum. Use CUNY curriculum code 0344 when applying. Admissions take place on a rolling basis so students should apply as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their Hunter Core Requirement (HCR) Appendix I: Hunter Core Requirement which includes the CUNY Common Core, the Hunter Focus on foreign language and the concurrent Rrequirements before entering the program, but liberal arts classes can be interspersed with major courses.

Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Lab Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Course of Study Candidates for the BS degree complete a total of 120 credits including the Hunter Core Requirement. See requirements for the two undergraduate majors offered in MLS (1)Medical Laboratory Sciences: Clinical Science BS and 2) Medical Laboratory Sciences: Biomedical Science BS.

Scholastic Requirements Student grades are reviewed each semester to determine eligibility for remaining in the program. Each student must maintain an overall GPA of 2.0 for each semester and a grade of C or better in each major course. Major courses must be taken for letter grades except, at the discretion of the chair, for clinic, field or independent study. Departmental permission is required in order to register for courses. Faculty advisers authorize course permissions during the pre-registration and registration periods.

# Medical Laboratory Sciences: Biomedical Science BS 

Go to Medical Laboratory Sciences - BS

The Medical Laboratory Sciences (MLS): Biomedical Science major prepares students for careers in biomedical laboratories and other health-related professions. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into the following categories:

1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Biomedical Science major is appropriate for students seeking graduate education in biomedical or health-related fields. This major does not meet the requirements for NY State licensure of clinical laboratory technologists. For the licensure-qualifying program, please see the Medical Laboratory Sciences: Clinical Science BS major.

The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site for more detail.

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## STAT 11300 - Elementary Probability and Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{C}$ or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

* these courses are prereqs to CHEM 10200 (STEM).


## Hunter Core Requirement

Several courses leading to (Foundational - see above) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major in Medical Laboratory Sciences: Biomedical Science (120 cr.)

## Allied Courses (22 cr.)

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.

5 hrs (4 lec, 1 rec$)$
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

```
prereq: CHEM 10500 or CHEM 10600
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prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

## GER

2/E

First semester of two-semester introductory physics course using algebra. prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## Med Lab Sciences: Biomedical Science Curriculum (42 cr.) <br> MLS 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment. MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr .

## MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr .

## MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology. coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr.

## MLS 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35200 - Clinical Microbiology II

Continuation of MLS 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLS 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

## MLS 35400 - Clinical Biochemistry I: Biomolecules \& Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr .

## MLS 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLS 35400
5 hrs (2 lec, 3 lab)
3.5 cr .

## MLS 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr .

## MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr .

## MLS 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science. prereq: perm instr.
2 hrs
3 cr .

## MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr .

## COMHE 33000-Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .
-or-

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

## SOC 30100 - Medical Sociology

GER
3/B
Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr .

## MLS 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.
Electives (5-6 cr.)

## MLS 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.
MLS 48001-48003 - Independent Study
prereq or coreq: departmental permission
1-3
MLS 49000 - Honors
prereq: departmental permission
hrs TBA
3 cr.
CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22500-Organic Chemistry Laboratory II

## GER

3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## Medical Laboratory Sciences: Clinical Science BS

Go to Medical Laboratory Sciences - BS

Medical Laboratory Sciences (MLS): Clinical Science is a pre-professional major, preparing students for careers in laboratories devoted to promoting, maintaining and restoring human health. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into
the following categories:

1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses
4. pre-professional practice

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Clinical Science major is intended for, but not
limited to, students pursuing careers in the diagnostic laboratory and is designed to meet the requirements for NY State licensure of clinical laboratory technologists.

The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site : http://www.hunter.cuny.edu/mls for more detail.

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200 .
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 12500 (STEM) - Precalculus

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

* these courses are prereqs to CHEM 10200 (STEM)


## Hunter Core Requirement

Several courses leading to (Foundational - see above) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement.

# Major in Medical Laboratory Sciences: Clinical Science 

## Allied Courses (22 cr.)

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr .

## CHEM 10400 (STEM) - General Chemistry II

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
```

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3cr.
```

CHEM 22200-Organic Chemistry Lecture I

```
GER
GER 3/B
```

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## CHEM 22300-Organic Chemistry Laboratory I

## GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## Med Lab Sciences: Clinical Science Curriculum (48 cr.)

MLS 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

```
Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2
informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3cr.
```


## MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
$3 c r$.

## MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.
coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

## MLS 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35200 - Clinical Microbiology II

Continuation of MLS 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLS 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

## MLS 35400-Clinical Biochemistry I: Biomolecules \& Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr .

## MLS 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLS 35400
5 hrs (2 lec, 3 lab)
3.5 cr.

## MLS 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr.

## MLS 41000 - Professional Practice

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.
prereq: departmental permission
8 weeks
3 cr.

## MLS 43000 - Immunohematology

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.
prereq: MLS 34900
3 hrs (2 lec, 1 lab)
3 cr.

## MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr .

## MLS 45700-Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science. prereq: perm instr.
2 hrs
3 cr.

## MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr .

## COMHE 33000-Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr.
-or-
PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

## GER

3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

## SOC 30100 - Medical Sociology

## GER

3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr.
-or-

## MLS 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.

## Music

## About the Department

Located in the heart of the intellectually vibrant community of Hunter College, the Music Department offers students the chance to explore musical expression through performance and academic study. Opportunities to learn from some of the best theorists, musicologists and ethnomusicologists in the field exist alongside exciting performance opportunities for every playing and singing ability. Our ensembles include College Choir, Chamber Singers, Opera, A Cappella, Jazz Vocal Workshop, Jazz Ensemble, Jazz and Popular Music Combos, Chamber Music, Ensemble Middle East @ Hunter and the Hunter Symphony. The BA degree can be completed evenings or days. In addition, the department sponsors numerous extracurricular events, including concerts, lectures, and master classes. Private lessons in instruments and voice are provided to all performance majors and many other music majors by a distinguished roster of performance teachers. Financial aid is available to qualified performance majors and other majors who need to study with private teachers not on the staff.

Graduates of the department go on to a variety of careers in music and beyond. Graduates of the BA/MA dual degree program in Music/Music Teacher Education Pre-K-12-BA/MA are qualified to teach in the public elementary and high schools of New York State.

## Graduate Study

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

## Programs and Courses

## Administration and Faculty

## Department Office:

## 416 North

(212)772-5020
fax: (212)772-5022
Web site: http://www.hunter.cuny.edu/music
E-mail: music@hunter.cuny.edu

## Chair:

## Suzanne Farrin

416 North
212 772-5026
sf1357@hunter.cuny.edu

## Faculty

Music Faculty
HEGIS Code: 1004

## Minor in Music

The music minor consists of 15 credits in music:MUSTH 10100; MUSHL 10100 or MUSHL 10700; one course with an MUSHL prefix at the 200 -level; and 6 credits of music electives, 3 of which must be at the 200 -level or higher. Prospective minors who have already mastered the material taught in the required 100-level courses (MUSTH 10100 and/or MUSHL 10100 or 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see Music 25-Credit Major (BA)). Music minors must substitute more advanced courses in any area of music study, which may include private lessons and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

## Music - BA/MA

## 4-Year Dual BA/MA Degree

The department offers unusually gifted students the opportunity to obtain a master's degree in four years with a minimum of 120 credits. Requirements are the same as those for the 42 -credit BA plus those for the MA in music ( 30 credits at the graduate level; see graduate catalog). Students may be admitted to this program only after they have completed at least 60 credits of college work, including at least 29 credits in music (three semesters of music history, four semesters of music theory, and four semesters of musicianship). At least 12 credits (including six in music) must have been taken at Hunter College, and students must have a cumulative GPA of at least 3.5 with no grade of less than B in any music course. At that time, they must fulfill all requirements for entry into the MA program except completion of the BA degree. The graduate adviser must be consulted about the MA requirements.

## Music - BMus

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Courses

## CUNY Common Core

Foundational or Major
ENGL 12000 - Expository WritingEnglish Composition (EC)
Foundational

## 60-Credit Major

This degree is designed for students planning to pursue careers as professional performers of music or as teachers of music performance. It provides intensive instruction in the student's instrument or voice; solid training in music history
and theory; and a broad, liberal arts education. Admission to this program is conditional on passing an audition (preferably before the student enters college) demonstrating a high level of skill in performance. Requirements are:

## Music history:

## MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

## MUSHL 20500-Music History I

```
Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall
```


## MUSHL 20600 - Music History II (W)

## Pluralism and Diversity <br> PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800 .
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

## MUSHL 30500 - Music History III (W)

```
Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
    and any other 3-credit MUSHL course at the 300-level
```


## Music theory:

## MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

## MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

## MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

## MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr .
offered fall

## MUSTH 23100 - Musicianship II

```
Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring
```


## MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music. prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr .
offered fall

## MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr .
offered fall
and any other 3-credit MUSTH course at the 300-level

## Private lessons:

## MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60 -credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr .

## Performance ensembles:

For instrumentalists - 6 credits in instrumental ensembles

Choose 6 credits from the following:

## MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

## MUSPF 24900-Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
2 hrs
1 cr .

## MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .

## MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

## For singers

6 credits in vocal ensembles

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

## MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

## MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times. prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .
for singers, a minimum of 2 credits must be in MUSPF 36900

## Electives:

- 4 credits in music courses above the $100-$ level.


## Recital:

- A senior recital, for which no credit is given, is also required.


## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## Music 25-Credit Major (BA)

This degree is designed for students who want to study music in the context of a general liberal arts education, but who do not plan to pursue careers in music. It may also be convenient for students who enter Hunter with a large number of transfer credits in music. Requirements are:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Music History

## MUSHL 20100 - Introduction to Music Research

```
Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr .
offered fall
```


## MUSHL 20500-Music History I

```
Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall
```


## MUSHL 20600 - Music History II (W)

```
Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600
to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3cr.
offered spring
```


## MUSHL 30500 - Music History III (W)

```
Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
```

- and any other 3-credit MUSHL course at the 300-level


## Music Theory

## MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

## MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr .
offered spring

## MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

## MUSTH 23100 - Musicianship II

```
Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring
```


## Performance:

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .
MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## Music 42-Credit Major (BA)

This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any aspect of the field. Requirements are:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 - Expository WritingEnglish Composition (EC) | Foundational |  |

## Music BA-42-Credit Major

## Music history:

## MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr .
offered fall

## MUSHL 20500 - Music History I

```
Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall
```


## MUSHL 20600 - Music History II (W)

## Pluralism and Diversity <br> PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800 .
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr .
offered spring

## MUSHL 30500 - Music History III (W)

```
Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
    And any other 3-credit MUSHL course at the 300-level
```


## Music theory:

## MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

## MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.

```
coreq: MUSTH 23000
```

3 hrs
3 cr.
offered fall

## MUSTH 22100 - Music Theory II

```
Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3cr.
offered spring
```


## MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

## MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr .
offered spring

## MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr .
offered fall

## MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
and any other 3-credit MUSTH course at the 300-level

## Performance:

## MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the $\mathrm{BA} / \mathrm{MA}$ music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

## 2 credits in large ensembles

## MUSPF 22100 - College Choir

```
Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times. 3 hrs
1 cr .
```


## MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .
2 credits in performance electives

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

## MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

## MUSPF 24900-Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs
1 cr .

## MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .

## MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times. prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

## MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

## MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100

2 hrs
1 cr .

## MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

## Electives:

- 4 credits in music courses above the 100 -level


## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## Music Bachelor's Degrees

Return to: Department of Music

- Music 25-Credit Major (BA)
- Music 42-Credit Major (BA)
- Music - BMus


## Major Programs

The Department of Music offers three undergraduate and two BA/MA major programs to fit individual interests and requirements. Students must take three examinations before declaring a music major:

1. Music notation, rudimentary theory, and basic musicianship skills. This examination is prerequisite to MUSTH 22000 (Music Theory I).

Students who do not pass it must take MUSTH 10100 (Music Theory Fundamentals) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 (Introduction to Music) or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.
Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## Minor in Music

The music minor consists of 15 credits in music:

## MUSTH 10100 - Music Theory Fundamentals

Hunter Core<br>Creative Expression (CE)<br>GER<br>2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .

## MUSHL 10100 - A Thousand Years of Listening

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .
-or-

## MUSHL 10700 - The World of Music

## Hunter Core

Creative Expression (CE)

## Pluralism and Diversity

PD/A
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean. 3 hrs
3 cr .

- one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200 -level or higher.

Prospective minors who have already mastered the material taught in the required 100 -level courses MUSTH 10100 and/or MUSHL 10100 or MUSHL 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see above). Music minors may substitute more advanced courses in any area of music study, including private lessons (subject to availability) and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

## Grading Policies

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

## Honors

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

## MUSTH 49100 - Honors Project

Upper $\mathrm{Jr} / \mathrm{Sr}$ only. Individual project of large scope in music history, theory, composition, or performance. prereq: minimum music GPA of 3.5, perm undergrad adviser
1 sem
$3 c r$.

## MUSTH 49200 - Honors Project

prereq: MUSTH 49100
1 sem
3 cr .

## Graduate Study

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

## Music/Music Teacher Education Pre-K-12 - BA/MA

## Major Programs

The Department of Music offers three undergraduate and two BA/MA major programs to fit individual interests and requirements. Students must take three examinations before declaring a music major:

1. Music notation, rudimentary theory, and basic aural skills. This examination is prerequisite to MUSTH 22000 (Music Theory I).

Students who do not pass it must take MUSTH 10100 (Basic Musicianship) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 A Thousand Years of Listening or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.
Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the second year of study in music theory (MUSTH 32000 and MUSTH 32100). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## 5- to 6-Year Dual BA/MA Degree in Teacher Education

Exceptionally qualified students may obtain a master's degree in teacher education in 5-6 years with a minimum of 140 credits. Requirements are the same as those for the 42 -credit BA plus requirements for the MA degree in music teacher education (see graduate catalog). Students may be admitted to this program only after they have completed at least 60 credits of college work, including at least 29 credits in music (three semesters of music history, four semesters of music theory, and four semesters of musicianship). At least 12 credits (including six in music) must have been taken at Hunter College, and students must have a cumulative GPA of at least 3.5 with no grade of less than B in any music course. They must have passed the Music Department's piano proficiency examination and an audition-interview demonstrating reasonable mastery of an instrument or voice. In addition, they must either have passed the LAST (Liberal Arts and Sciences Test) or fulfilled the following requirements of the School of Education:

[^13]b. Grade of B- or better in ENGL 12000 or a 200- level English course;
c. Application, on-site essay, and interview with the School of Education;
d. Proof of negative result on TB test;
e. Maximum of 6 credits taken with $\mathrm{CR} / \mathrm{NC}$ grades, or else calculation of those grades as $\mathrm{C} / \mathrm{F}$ for computation of grade-point average.
Admission requires the consent of both the Music Department and the School of Education. See the The School of Education section of both the undergraduate and graduate catalogs for more information.

## Minor

For 25 -credit music majors, the minor consists of 12 credits in a field of study leading to a BA degree and approved by the Music Department adviser. Double-majors and students in other music major programs are exempt from the minor requirement. Minor courses can be used without limit to satisfy stages 1,2 , and 3 of the GER.

## Minor for non-Majors

For students minoring in music, the requirements are determined by the student's major department. See your major adviser. The Music Department recommends the following courses. Because 300-level courses are intended primarily for music majors and have extensive prerequisites, students whose major departments require a 300 -level course in the minor may, with permission of their adviser, substitute a 200 -level course in the music minor.

## MUSTH 10100 - Music Theory Fundamentals

## Hunter Core <br> Creative Expression (CE) <br> GER <br> 2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .
or

## MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

## MUSTH 23000-Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

3 hrs
2 cr.
offered fall

## MUSHL 10100-A Thousand Years of Listening

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .

## MUSHL 10700 - The World of Music

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean. 3 hrs
3 cr .

- One course with an MU-H prefix at the 200-level
- 1-3 credits of music electives


## Grading Policy

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

## Honors

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

## MUSTH 49100 - Honors Project

Upper $\mathrm{Jr} / \mathrm{Sr}$ only. Individual project of large scope in music history, theory, composition, or performance.
prereq: minimum music GPA of 3.5, perm undergrad adviser
1 sem
3 cr .

## MUSTH 49200 - Honors Project

prereq: MUSTH 49100
1 sem
3 cr .

## Philosophy

## About the Department

Philosophy studies the most fundamental questions that human beings ask - about individual and social action, the possibility and limits of knowledge, the truth and justification of beliefs, human nature and freedom, the existence of God and the operations of nature. Philosophy approaches these questions in a systematic way and philosophers have worked out more or less comprehensive theories to answer them (or show why they cannot be answered). The courses offered by the Philosophy Department are designed to introduce students to the main problems that philosophers study and to the main ideas of such profound and influential thinkers as Socrates, Plato, Aristotle, Augustine, Aquinas, Descartes, Hume and Kant.

Philosophy is one of the most important subjects a student can study because it develops the ability to reason clearly and critically, to write thoughtfully, to use intelligence and logic to deal with problems all too often ruled by emotion and prejudice. Philosophy also helps one develop intellectual flexibility and learn to appreciate ideas and beliefs other than those of one's own time, place, class or group. Since it develops these intellectual abilities and habits, the study of philosophy, either in individual courses or as a major or minor, is excellent preparation for any profession or occupation.

Students of philosophy pursue careers in law, business, medicine, government and the arts. Some go on to study philosophy at the graduate level with the aim either of teaching philosophy or of obtaining an advanced degree to further their career objectives.

## Course Listings

The department especially encourages students majoring in or interested in philosophy, both with fewer than 6 credits toward the major in philosophy, to consult with a departmental adviser about courses and their prerequisites at this stage of their academic stay at Hunter.

## Programs and Courses

Programs and Courses in Philosophy

## Administration and Faculty

## Department Office:

1444 West
(212) 772-4970
philo@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/philosophy

Chair:

Omar Dahbour
1446 West
(212) 772-4412
odahbour@hunter.cuny.edu

Faculty

Philosophy Faculty

HEGIS Code: 1509

## Minor in Philosophy (the Standard concentration)

Prerequisite to the minor: one of 4 introductory philosophy courses

Chose one:
PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C
Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

## PHILO 10400 - Introduction to Ethics

Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C
Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs

```
3 cr.
offered each semester
```


## PHILO 10600 - Philosophy, Politics and Society

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3cr.
offered each semester
```


## PHILO 20400 - Great Philosophers

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .
and

## ENGL 12000 - Expository Writing

## Hunter Core

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

## The Philosophy Minor

The philosophy minor requires 12 credits at the 200 -level and above with no fewer than 3 credits at the 300 -level. Exceptions: PHILO 17000 may count toward the minor at the 200-level and PHILO 20400 shall not count.

## Minimum gpa for the minor

A student must pass a minor in philosophy with a minimum GPA of 3.00.

## Note:

Students should always consult with a philosophy department adviser when constructing their minor. Some suggested tracks may be found on the philosophy department website http://www.hunter.cuny.edu/philosophy.

## Minor in Philosophy, Politics and Society (PPS)

A student must take, as a prerequisite to the minor, PHILO 10600. This course does not count toward the PPS minor.

The PPS minor consists in taking 4 courses or 12 credits from the philosophy courses listed in the PPS major, at least one of which must be at the 300 -level. Non-philosophy courses counting toward the PPS major concentration may not count toward the PPS minor.

A student must pass the PPS minor with a minimum GPA of 3.00 .
Note: When constructing a minor in the PPS concentration, a student should always consult with a philosophy department advisor beforehand.

## Minor in Political Theory

The Political Theory Minor provides a concentration of study for students interested in political, social, and legal philosophy or thought, often related to public discourses, practices, and laws. It recognizes the interdisciplinary character of political theory, which operates at the intersection of the humanities and social sciences. It focuses on critical issues of ethics and power in history and the present, along with major authors in the traditions of political philosophy and thought.

The minor program consists of at least 15 credits taken from the courses listed below, or others as approved by the minor program advisor. Students must take at least 6 credits in philosophy and 6 credits in political science, including PHILO 10600 (or another 100-level PHILO course, with permission of the Advisor) and POLSC 20000. At least 3 credits must be taken at the 300 -level, and one course must be taken from each of the three Minor categories (listed below). No more than six credits that count towards the student's major may be used to fulfill this Minor.

## 1. Required Courses

## PHILO 10600 - Philosophy, Politics and Society

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.

3 hrs
3 cr .
offered each semester

## POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B or 3/B
An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## 2. Current Courses That Count Towards the Political Theory Minor

Minor courses are to be selected from the following list of regularly taught courses or special topics courses in Philosophy or Political Science that pertain to the Minor but are irregularly taught (those interested in the latter should check with the advisor to verify that they may count toward the minor). In addition, one course, with significant theoretical content, offered in, e.g., Anthropology, Classics, Geography, History, Religion, or Sociology, may count toward the Minor, upon approval of the Political Theory Adviser.

## History of Political Philosophy and Thought

One Course on figures in, or periods of, political theory, eg., courses in the PHILO 38000 Major Figures in Philosophy (W) topic series:

## PHILO 38010 - Plato (W)

## GER

3A
Intensive study of the works and legacy of Plato.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-

## PHILO 38011 - Aristotle (W)

GER
3A

Intensive study of the works and legacy of Aristotle.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-

## PHILO 38070 - Hegel (W)

## GER

3A
Intensive study of the works of Hegel.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-

## PHILO 38076 - Marx (W)

## GER

3A
Intensive study of the works and legacy of Marx (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level 3 hrs
3 cr .
-or-

## PHILO 38086 - Foucault (W)

## GER

3A
Intensive study of the works and legacy of Foucault.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-

## POLSC 20100 - Ancient to Early Modern Political Thought (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 20200 - Modern Political Thought (1600-1900) (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

## POLSC 20300 - Political Thought Since 1900 (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

## POLSC 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B
Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

## POLSC 30100-American Political Thought (W)

GER
3/B
Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.

```
3 hrs
3cr.
```

Note: For more information on the topic series course click here: PHILO 38000 Major Figures in Philosophy (W)

## Basic Concepts and Themes

One course on theoretical or conceptual tendencies in political theory

PHILO 22600 - African-American Philosophy (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-Or-

PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.
```

    -or-
    PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-
PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

## PHILO 25500 - Environmental Philosophy (W)

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.
prereq: ENGL 12000 and one course in Philosophy
3 hrs
3 cr .
-or-
PHILO 31900-Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of $20^{\text {th }}$ century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr .
-or-

## PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B
A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr
-or-

## PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
$3 c r$.
-or-

## PHILO 39400 - Philosophical Problems

## GER

3/A

Study of one or more major philosophical problems.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr .
-or-

## POLSC 30200 - Critical Theory and Politics (W)

## GER

3/B
Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation.
prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor. 4 hrs
$4 c r$.
-or-

## POLSC 30500 - Democratic Theory (W)

## GER

3/B
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
-or-

## POLSC 30900 - Feminist Political Theory (W)

## Pluralism and Diversity

PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will
emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.
-or-

## POLSC 31600 - Political Theory of Human Rights (W)

## GER

3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## Theoretical Dimensions of Contemporary Controversies

One course on problems or issues in political theory

$$
\text { PHILO } 20080 \text {-or- }
$$

## PHILO 22600 - African-American Philosophy (W)

```
Pluralism and Diversity
PD/B
GER
3/A
Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
cr.

\section*{PHILO 23000 - Feminism: Philosophical Theory and Practice (W)}
```

Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
cr.

```

\section*{PHILO 25000 - Problems of Ethics and Society (W)}

\section*{GER}

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

\section*{PHILO 25200 - Problems of Law and Morality}

\section*{GER}

3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

\section*{PHILO 25500 - Environmental Philosophy (W)}

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.
```

prereq: ENGL 12000 and one course in Philosophy

```

3 hrs
3 cr .
-or-

\section*{PHILO 34600 - Contemporary Theories of Justice (W)}

GER
3/B
A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr
-or-

\section*{PHILO 34800 - Philosophy of Human Rights (W)}

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.

3 hrs
\(3 c r\).
-or-

\section*{PHILO 39400 - Philosophical Problems}

\section*{GER \\ 3/A \\ Study of one or more major philosophical problems. prereq: variable (see Program Prerequisites) \\ 3 hrs \\ 3 cr .}
-or-

\section*{POLSC 20400 - Contemporary Issues in Political Theory}

\section*{GER}

3/B

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority. POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

\section*{POLSC 30300 - Democracy and Emergency (W)}

\section*{GER}

3/B
This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000
4
4
-or-

\section*{POLSC 30400 - Contemporary Issues in Political Theory}

\section*{GER}

3/B
Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr.

\section*{POLSC 30500 - Democratic Theory (W)}

\section*{GER}

3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
-or-

\section*{POLSC 30900 - Feminist Political Theory (W)}
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Pluralism and Diversity
PD/C
GER
3/B

```

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.
-or-

\section*{POLSC 31600 - Political Theory of Human Rights (W)}

\section*{GER}

3/B
A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{Minors in Philosophy}

Students may declare an optional minor in Philosophy (the Standard concentration) or a minor in the Philosophy, Politics, Society (PPS) concentration. In either case a minor in Philosophy is comprised of 12 credits at the 200-level or above, including no fewer than 3 credits at the 300 -level. Exceptions: PHILO 17000 may count toward the minor at the 200-level and PHILO 20400 shall not count. PHILO 20400 is excluded from counting toward the minor, because it is an, albeit advanced, introductory course. A student must pass a minor in philosophy with a minimum GPA of 3.00.

When constructing a philosophy minor in either the standard or the PPS concentration, a student should always consult with a philosophy department advisor beforehand.

A third minor, Political Theory, is offered jointly between the Philosophy and Political Science departments. This minor consists of 15 credits. All three minors are described below:
- Standard Philosophy Minor
- Minor in Philosophy, Politics and Society (PPS)
- Minor in Political Theory

\section*{Philosophy - BA}

\section*{Major}

The Philosophy Department offers two concentrations: 1) the Standard concentration and 2) the concentration in Philosophy, Politics and Society (PPS).

\section*{Standard Concentration}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

One of the following:

\section*{PHILO 10100 - Introduction to Philosophy}
```

Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C

```

Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester

\section*{PHILO 10300 - Introduction to Logic and Critical Thinking}

\section*{GER}

2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr .
offered each semester

\section*{PHILO 10400 - Introduction to Ethics}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
GER
2/C

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

\section*{PHILO 10600 - Philosophy, Politics and Society}
Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

Macaulay Honors students may take the following:

\section*{PHILO 20400 - Great Philosophers}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{The Standard Concentration}
consists of 30 credits distributed as follows:
1. Logic ( 3 cr .)

PHILO 17000 - Introduction to Logic and Scientific Method

\section*{Hunter Core}

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr .
-or-

\section*{PHILO 27500 - Symbolic Logic}

GER
3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .
2. History of Philosophy (9 cr.)

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 21500 - Foundations of Modern Philosophy (W)}

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D

GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
3. Ethics, Politics and Aesthetics (3 cr.)
any course from

\section*{PHILO 24400 - Moral Philosophy (W)}

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 24600 - Political Philosophy (W)}

GER
3/B
Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 25800 - Aesthetics (W)}

GER
3/A
Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
4. Metaphysics and Epistemology (3 cr.)
any course from
PHILO 36000 - Metaphysics (W)

GER
3/A

Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is:
What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

\section*{PHILO 36200 - Theory of Knowledge (W)}

\section*{GER}

3/A

Study of origin, structure, methods and foundations of human knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

\section*{PHILO 36400 - Philosophy of Language (W)}

\section*{GER}

3/A

Inquiry into the philosophical significance of language, its structure, meaning, reference and use. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 36600 - Philosophy of Mind (W)

\section*{GER}

3/A

Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

\section*{PHILO 37800 - Philosophy of Biology (W)}

Philosophical problems of biology, including evolutionary biology, molecular biology and genetics, and neuroscience. prereq: ENGL 12000 and 2 courses in philosophy, at least one at the 200-level
3 hrs
\(3 c r\).
PHILO 37900 - Philosophy of Science (W)

GER
3/B

Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

\section*{5. Intensive Study of a Major Philosopher (3 cr.)}
any course from those offered under PHILO 38000 Major Figures in Philosophy (W)

\section*{6. Additional Credits (9 cr.)}
- Chosen in consultation with an adviser. Students are required to select at least one course (3 cr.) at the 300 level. Also they are encouraged to select courses that acquaint them with philosophic traditions other than the dominant Western ones.

\section*{Concentration in Philosophy, Politics and Society}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

One previous course in philosophy. Students are encouraged to take:

\section*{PHILO 10600 - Philosophy, Politics and Society}
Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

Macaulay Honors students may take the following:

\section*{PHILO 20400 - Great Philosophers}
```

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Courses foundational to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

The concentration in Philosophy, Politics and Society
consists of 30 credits distributed as follows:
History of Philosophy (9 cr.)

\section*{PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.

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PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach,

Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
Political Philosophy (3 cr.)
PHILO 24600 - Political Philosophy (W)

GER
3/B
Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
Social Philosophy ( 3 cr .)
PHILO 24800 - International Ethics (W)

GER
3/B
Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

\section*{PHILO 25000 - Problems of Ethics and Society (W)}

GER
3/B
Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
Intensive Study of a major philosopher, preferably concerning their political and/or social ideas (3 cr.)
offered under PHILO 38000 Major Figures in Philosophy (W)
Study of Recent Issues in Political and Social Philosophy ( 3 cr .)

\section*{PHILO 34600 - Contemporary Theories of Justice (W)}

\section*{GER}

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

\section*{Electives (9 cr.)}
chosen from 200- and 300-level PHIL courses (excluding PHILO 20400, but including PHILO 17000 ); 6 credits of this requirement may be taken from the nondepartmental courses listed below. It is also recommended that 3 credits be taken on philosophical approaches to class, race, or gender; the following philosophy courses satisfy this recommendation: PHILO 31900 - Marxist and Critical Theory (W), PHILO 22600 - African-American Philosophy (W) , or PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

Nondepartmental courses to satisfy elective requirement

\section*{AFPRL 40100 - Pan-Africanism}

\section*{GER}

3/B

Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.
prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr .

\section*{AFPRL 40200 - African American Political Thought}

GER
3/B

Comparative theorists; methods and ideological currents.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)

GER
3/B

The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000

3 hrs
3 cr .

\section*{HIST 33200 - Modern Culture from the 18th to the 20th Centuries}

\section*{GER}

3/B

From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science.
European political and social thought.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{POLSC 20100 - Ancient to Early Modern Political Thought (W)}

Pluralism and Diversity
PD/D
GER
3/B
The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20200 - Modern Political Thought (1600-1900) (W)}

Pluralism and Diversity
PD/D
GER
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20300 - Political Thought Since 1900 (W)}
```

Pluralism and Diversity
PD/D
GER
3/B

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Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20400 - Contemporary Issues in Political Theory}

\section*{GER}

3/B
Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority. POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20900 - Women and Gender in Western Political Thought (W)}

\section*{Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{C}\) or D \\ GER \\ 3/B}

Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 30100 - American Political Thought (W)}

\section*{GER}

3/B
Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr .

\section*{POLSC 30300 - Democracy and Emergency (W)}

\section*{GER}

3/B
This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000
4
4

\section*{POLSC 30400 - Contemporary Issues in Political Theory}

GER
3/B

Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr.

\section*{POLSC 30500 - Democratic Theory (W)}

\section*{GER}

3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{POLSC 30700 - Theory of Revolution}

\section*{GER}

3/B

Traditional and modern revolutions. Conditions and objectives of socialist and communist revolutions.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 30900 - Feminist Political Theory (W)}

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{POLSC 31100 - Utopian Theory (W)}

\section*{GER}

3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.

3 hrs
3 cr .

\section*{POLSC 31600 - Political Theory of Human Rights (W)}

\section*{GER}

3/B
A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice. prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{PUPOL 40000 - Capstone Seminar}

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.
3 hours
3 credits

\section*{SOC 22100-Classical Sociological Theory}
```

Pluralism and Diversity
PD/D
GER
3/B

```

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 22300-Current Sociological Theory}

\section*{GER}

3/B
Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .

\section*{Elective courses recommended for students with particular interests}

Elective credits should be carefully chosen to focus students' programs on their present interests and future needs. The following courses are recommended for students with particular interests.

Graduate study in philosophy

\section*{PHILO 27500 - Symbolic Logic}

\section*{GER}

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

\section*{PHILO 24400 - Moral Philosophy (W)}

\section*{GER}

3/A
Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

Admission to law school

\section*{PHILO 27500 - Symbolic Logic}

\section*{GER}

3/B
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
\(3 c r\).

\section*{PHILO 24400 - Moral Philosophy (W)}
```

GER
3/A
Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.

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\section*{Careers in public administration}

\section*{PHILO 25000 - Problems of Ethics and Society (W)}

\section*{GER}

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

Careers in foreign service

\section*{PHILO 24800 - International Ethics (W)}

\section*{GER}

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{POLSC 31600 - Political Theory of Human Rights (W)}

\section*{GER}

3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice. prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
\(3 c r\).
An additional course relating philosophy to international relations

Careers in social welfare

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{SOC 22100-Classical Sociological Theory}

\author{
Pluralism and Diversity \\ PD/D \\ GER \\ 3/B
}

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 22300 - Current Sociological Theory}

\section*{GER}

3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .

Note:

Certain new, ad hoc, or independent study courses may be taken in partial satisfaction of requirements listed above, if they are approved by the Philosophy, Politics and Society major concentration adviser.

\section*{Major Adviser}

The Philosophy Department offers extensive advising services to majors, including: guidance for course selection and sequencing and devising a course of study; tracking progress and compliance with college, CUNY, and state regulations; career advice; planning for graduate and professional school applications; and information about special opportunities for philosophy students. Minors may also make use of these services.

\section*{Mentoring}

Philosophy majors are encouraged to establish a relationship with a faculty mentor of their choice. This relationship can be distinct from the departmental advising relationship.

\section*{Honors}

To be eligible for graduation with departmental honors in philosophy, a major must have at least a 3.50 GPA in philosophy, at least a 3.0 overall GPA. The student must register for the 3 - or 6 -credit PHILO 49400, which is taken in addition to and is not part of the 30 credits for the major. The student must write a substantial paper under the direction of a full-time faculty member. To receive departmental honors the completed paper must be submitted to a threemember committee who will judge whether it merits departmental honors. This committee will consist of the director of the student's Honors Tutorial and two other full-time philosophy faculty members appointed by the director.

\section*{PHILO 49400 - Honors Tutorial in Philosophy}

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion is one requirement for departmental honors at graduation. prereq: 3.0 cum GPA and 3.50 major GPA; philosophy majors only, minor with perm instr; two 300-level PHIL courses, one of which may be taken concurrently; perm dept.
3 or 6 cr.

\section*{Independent Study}

Students may engage in independent study under the supervision of a member of the Philosophy department by receiving permission to take the following.

\section*{PHILO 49200 - Independent Study in Philosophy}

Independent study of philosophical works under faculty supervision.
prereq: one PHILO course at 300-level, perm instr. (see Program Prerequisites)
1-6 cr.
Minors in Philosophy

\section*{Minors in Philosophy}

\section*{Standard Philosophy Minor}

Students should follow their interests in choosing the courses taken to satisfy the minor. Usually this will involve choosing courses related to the student's major. Ideally the minor will allow the student to study the philosophical issues associated with a field or period of history in increasing depth.

\section*{Prerequisite to the minor:}

\section*{PHILO 10100 - Introduction to Philosophy}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester

GER
2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr .
offered each semester

\section*{PHILO 10400 - Introduction to Ethics}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

\section*{PHILO 10600 - Philosophy, Politics and Society}
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Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3cr.
offered each semester

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\section*{PHILO 20400 - Great Philosophers}
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .
ENGL 12000 - Expository Writing
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Hunter Core
English Comp (EC)
GER
1/A

```

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

\section*{Some suggested tracks are listed below:}

\section*{Logic and Mathematics}

\section*{PHILO 17000 - Introduction to Logic and Scientific Method}

\begin{abstract}
Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr .
\end{abstract}

PHILO 27500 - Symbolic Logic

\section*{GER}

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

PHILO 27900 - Inductive Logic

\section*{GER}

3/B

Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 36400 - Philosophy of Language (W)

GER
3/A

Inquiry into the philosophical significance of language, its structure, meaning, reference and use.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.
PHILO 37500 - Advanced Symbolic Logic

GER
3/B

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability. prereq: PHIL 27500 or equiv.
3 hrs
3 cr.
PHILO 37600 - Philosophy of Mathematics (W)

GER
3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.
prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
3 cr.

\section*{Natural and Social Sciences}

\section*{PHILO 17000 - Introduction to Logic and Scientific Method}

\section*{Hunter Core}

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr .

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 26800 - Philosophical Psychology (W)}

\section*{GER}

3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 27000 - Philosophy, Science and Culture (W)

\section*{GER}

3/B

Issues relating to the impact of modern science on philosophy, religion and culture.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 27500 - Symbolic Logic}

\section*{GER}

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr.

\section*{PHILO 27900 - Inductive Logic}

GER
3/B

Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 37500 - Advanced Symbolic Logic

GER
3/B

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability. prereq: PHIL 27500 or equiv.
3 hrs
3 cr .
PHILO 37900 - Philosophy of Science (W)

GER
3/B

Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

\section*{Psychology and Mind}
four of

\section*{PHILO 20100 - Knowledge and Reality (W)}

Pluralism and Diversity
PD/D
GER
3/A

Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)
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Pluralism and Diversity
PD/D
GER
3/A

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Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21500 - Foundations of Modern Philosophy (W)

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 26800 - Philosophical Psychology (W)}

GER
3/B
Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
\(3 c r\).

\section*{PHILO 36600 - Philosophy of Mind (W)}

GER
3/A
Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

\section*{Cognitive Psychology}
four of
PHILO 20100 - Knowledge and Reality (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
\(3 c r\).

\section*{PHILO 26800 - Philosophical Psychology (W)}

GER
3/B
Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 36200 - Theory of Knowledge (W)}

GER
3/A
Study of origin, structure, methods and foundations of human knowledge. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 37900 - Philosophy of Science (W)
GER
3/B
Study of foundations of knowledge in natural and social sciences. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

\section*{English and the Arts}
four of

\section*{PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)}

Pluralism and Diversity PD/D
GER

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 21800 - Revolutions in Modern Philosophy (W)}

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 22800 - Existentialism (W)}

Pluralism and Diversity
PD/D
GER
3/A
Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24400 - Moral Philosophy (W)

GER
3/A
Study of selected problems in philosophical ethics and moral psychology. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25600 - Philosophical Ideas in Literature (W)

GER
3/A
Analysis of major philosophical themes in some classics of world literature.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 25800 - Aesthetics (W)}

\section*{GER}

3/A
Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 38000 - Major Figures in Philosophy (W)}

\section*{GER}

3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr
History of the modern world
four of
PHILO 21500 - Foundations of Modern Philosophy (W)
```

Pluralism and Diversity
PD/D
GER
3/A
Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

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PHILO 21800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 22500 - American Philosophy (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 22600 - African-American Philosophy (W)}

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 22800 - Existentialism (W)}

Pluralism and Diversity
PD/D
GER
3/A
Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 24800 - International Ethics (W)}

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 25000 - Problems of Ethics and Society (W)}

\section*{GER}

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 31900 - Marxist and Critical Theory (W)}

Pluralism and Diversity
PD/D
GER
3/A

Study of \(20^{\text {th }}\) century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr .
History of the classical and medieval world
four of
```

Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
cr.

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\section*{PHILO 21400 - Medieval Philosophy (W)}

Pluralism and Diversity
PD/D
GER
3/A

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22300 - Neoplatonism (W)

\section*{Pluralism and Diversity}

PD/D
GER
3/A
A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 38000 - Major Figures in Philosophy (W)}

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)

PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

\section*{American history or culture}

\section*{four of}

\section*{PHILO 22500 - American Philosophy (W)}

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 23000 - Feminism: Philosophical Theory and Practice (W)
```

Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
cr.

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GER
3/A

Survey of such movements as pragmatism, process philosophy, analytic philosophy, existentialism, phenomenology, feminism and post modernism through consideration of such representative figures as Dewey, Moore, Whitehead, Russell, Husserl, Heidegger, Wittgenstein, Ayer, Sartre, De Beauvoir, Quine, Rorty and Rawls.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

Law

\section*{PHILO 24600 - Political Philosophy (W)}

\section*{GER}

3/B
Study of selected philosophical problems in politics, law, economics and society. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 24800 - International Ethics (W)}

\section*{GER}

3/B
Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 25200 - Problems of Law and Morality}

\section*{GER}

3/B

Philosophy of law and the relation of legal to ethical issues. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 34600 - Contemporary Theories of Justice (W)}

\section*{GER}

3/B
A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

\section*{Ethics}

\section*{PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.

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PHILO 24400 - Moral Philosophy (W)

\section*{GER}

3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 24800 - International Ethics (W)}

\section*{GER}

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 25000 - Problems of Ethics and Society (W)}

\section*{GER}

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 25400 - Ethical Issues in Biology and Medical Care (W)}

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 34400 - Contemporary Theories in Ethics (W)}

\section*{GER}

3/A

A study of important theories in contemporary ethics, such as rule utilitarianism, intuitionism, prescriptivism, and constructivism.
prereq: 2 courses in philosophy, 1 at the 200-level.
3 hrs
3 cr

\section*{Religion}
four of

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 21400 - Medieval Philosophy (W)

Pluralism and Diversity
PD/D
GER

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 21500 - Foundations of Modern Philosophy (W)}

Pluralism and Diversity
PD/D
GER
3/A
Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22300 - Neoplatonism (W)

Pluralism and Diversity
PD/D
GER
3/A

A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 22800 - Existentialism (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A

Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 26200 - Philosophy of Religion (W)}

GER
3/A
Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr .

\section*{PHILO 36000 - Metaphysics (W)}

\section*{GER}

3/A
Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 38000 - Major Figures in Philosophy (W)

\section*{GER}

3/A
Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

\section*{Physics and Astronomy}

\section*{About the Department}

Physics is the study of the basic interactions that govern the behavior of the universe as we know it. As such, a knowledge of physics is necessary for the proper understanding of any science, and, of course, it is an exciting field of study in its own right.

The department offers comprehensive training in physics that can lead to a teaching position in grades 7-12; industrial, institutional and government work; and graduate study. The major includes lecture courses, laboratory courses, and a chance for qualified students to participate in research with faculty members.

\section*{Physics for Non-Physics Majors}

A minimum of one year of physics is recommended for all majors in sciences and health sciences.
Medical and dental schools also require one year of physics. Students requiring one year of physics may take either the PHYS 11000 (STEM)-PHYS 12000 (STEM) sequence ( 9 cr ) or the PHYS 11100 (STEM)-PHYS 12100 (STEM) sequence ( 11 cr ). Although both sequences cover the same topics, PHYS 11100 (STEM)-PHYS 12100 (STEM) utilizes elementary calculus and meets for one additional lecture hour each week. It is recommended for science students and those premed students who satisfy the mathematics prerequisite. PHYS 10100 ( 4 cr ) should be taken only by those who want a one semester terminal course in physics; it does not satisfy pre-professional requirements. Students should take no more than one first-semester course (PHYS 10100, PHYS 11000 (STEM), PHYS 11100 (STEM)) and no more than one second-semester course (PHYS 12000 (STEM), PHYS 12100 (STEM)) since they may receive credit for no more than one course from each group.

\section*{Programs and Courses}

Programs and Courses in Physics \& Astronomy

\section*{Administration and Faculty}

\section*{Department Office:}

\section*{1225 North}
(212) 772-5248

Web site: http://www.hunter.cuny.edu/physics

1224 North
(212) 650-3029

Administrative coordinator: Julie Hon
Jho0011@hunter.cuny.edu

Chair:

\section*{Steve Greenbaum}

1220B North
(212) 772-4973
sgreenba@hunter.cuny.edu

\section*{Faculty}

Physics and Astronomy Faculty

HEGIS Code: 1902

\section*{Minor in Physics}

A minor in Physics consists of a minimum of 12 credits of PHYS courses, including two courses numbered above 200 or one course numbered above 300. Students who wish to enroll in the Physics Minor must have completed:
- MATH 15000
-and-
- MATH 15500.

The prerequisites for the 300-level courses include MATH 25000 and/or MATH 25400

\section*{Physics - BA}

\section*{Major}

One of the following 3 options (concentrations) may be taken.
- Physics Option 1
- Physics Option 2
- Physics Option 3

\section*{Graduate Study}

The Department of Physics and Astronomy offers a number of advanced courses, listed in the graduate catalog, which give credit toward the degree of master of arts. Qualified undergraduate students may be admitted to these courses with the approval of the department chair.

\section*{Minor in Physics}

A minor in Physics consists of a minimum of 12 credits of PHYS courses, including two courses numbered above 200 or one course numbered above 300 .

Students who wish to enroll in the Physics Minor must have completed MATH 15000 (STEM) and MATH 15500 (STEM) . The prerequisites for the 300-level courses include MATH 25000 and/or MATH 25400 .

\section*{Honors Work}

The opportunity for students to do individual research (experimental or theoretical) is offered in courses

\section*{PHYS 45300 - Introduction to Research}

Independent theoretical or experimental research or independent study of approved topic. prereq: PHYS 33000, 33400, 33500, and 42700 or perm chair
1-3 cr.

\section*{PHYS 45400 - Introduction to Research}

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 45300 or perm chair
1 to 3 cr .

\section*{Articulation Agreement}

Articulation Agreement with New York City College of Technology

An agreement is in place for students from New York City College of Technology (CUNY) who successfully complete an associate degree in science in Liberal Arts (LAS) with at least a 2.0 overall grade-point average to be accepted into the Hunter College BA program in Physics. Consult the physics and astronomy department for further information.

\section*{Physics - BA/MA}

This special program for a limited number of well qualified students leads to a bachelor of arts and a master of arts degree. Students are offered the opportunity to quickly reach a level where they are competitive for admission into any doctoral program in physics. The program requires 124-126 credits (including the 30 credits required for a physics major BA degree and 30 credits from the graduate curriculum). Because this program requires a large number of physics courses, many of which have other physics courses as prerequisites, students in this program should begin taking physics courses in their first or second semester. Students should consult with the department chair, undergraduate adviser or graduate adviser for details as early as possible.

\section*{Physics Option 1}

Return to Programs and Courses in Physics \& Astronomy
For students in the BA/MA program, students intending to teach grades 7-12, and students intending to enter the medical profession.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B
Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
\(4 c r\).

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

2 hrs
1 cr .

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

\section*{Option 1}

The requirements consist of 8 credits of introductory physics courses
PHYS 11100 (STEM) and PHYS 12000 (STEM) preferred
and a 22-credit concentration in physics courses at the 200 level and higher:
PHYS 22100
PHYS 22200
PHYS 33000
PHYS 33400

PHYS 23000
PHYS 23500

PHYS 33500
Additionally, 15-24 credits of allied courses (mathematics and chemistry) are also required. Together, the introductory physics and the Option 1 concentration ( 30 credit total) satisfy the major requirement for initial certification as a teacher of physics in grades 7-12. Option 1, together with the MA (see the Accelerated BA/MA Program in Physics), is recommended for students planning to pursue a PhD in physics.

\section*{Preparation for Teaching}

The Option 1 major in physics satisfies the requirements for NY State initial certification of at least 30 credits for teachers in adolescent education: physics (grades 7-12). Students planning to become physics teachers at the secondary level should take the 23 -credit sequence in secondary education .

Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

\section*{MATH 25400 - Ordinary Differential Equations}

\section*{GER}

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E
}

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

\section*{ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises}

\section*{GER \\ 2/E with lab}

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
\(4 c r\).

\section*{GEOL 10000 - Introductory to Geology}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{Physics Option 2}

Return to Programs and Courses in Physics \& Astronomy
(Biophysics concentration) is recommended for students planning to pursue graduate studies and industrial R\&D in biological related areas in physics, chemistry, bioengineering, and material sciences. This concentration is designed to allow the students to gain a solid foundation in physics and biology, together with a specially-designed course in biophysics which demonstrates the disciplinary interface between the two. The concentration requirements consist of courses in physics ( 26 cr ), mathematics ( 12 cr ), chemistry ( 15 cr ) and biology ( 18 cr ) and 8 credits of electives (at least 4 must be in physics).

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When
selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

\section*{Option 2}

\section*{Courses in Physics (26 credits)}

\section*{PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\author{
Hunter Core \\ Scientific World (SW) Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
```

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

```

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus. prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

\section*{PHYS 33000 - Atomic and Nuclear Physics}

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
\(4 c r\).

\section*{PHYS 33400 - Intermediate Electricity and Magnetism}

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
\(4 c r\).

\section*{PHYS 33600 - Thermodynamics and Statistical Mechanics}

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr .

\section*{PHYS 42000 - Introduction to Biophysics}

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr .
Mathematics (12 cr)

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

\section*{MATH 25000-Calculus with Analytic Geometry III}

\section*{GER}

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500

4 hrs
\(4 c r\).

\section*{Chemistry (15 cr)}

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair 5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1- 2 recitation/workshop)
4 cr.

\section*{CHEM 22400-Organic Chemistry Lecture II}

\section*{GER \\ GER 3/B}

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .
Biology (18 cr)

\section*{BIOL 10000 (STEM) - Principles of Biology I}
```

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

```

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)

\section*{Pluralism and Diversity}
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior, ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 30000 - Biological Chemistry}

\section*{GER}

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{and 8 cr of electives}

At least 4 credits must be in physics

\section*{Physics Option 3}

Return to Programs and Courses in Physics \& Astronomy
(Laser and fiber optics concentration) is recommended for those interested in a career in the telecommunications industry, as it includes a foundation in lasers and fiber optics.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning

\section*{GER}

1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam prereq or coreq: MATH 12500
2 hrs
1 cr .

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

\section*{Option 3}

\section*{Eight (8) credits of introductory physics are required}

Recommended

\section*{PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\section*{Hunter Core}

Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and
Magnetism, Light, and Atomic Physics
```

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

```

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

May be taken instead

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E
}

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

No more than 8 credits toward the major can be obtained from these courses. It is recommended that the following be taken, if the PHYS 110-120 sequence is taken instead of the PHYS 111-121 sequence.

\section*{PHYS 19000 - Tutorial in Mathematical Physics}

Applications of differential and integral calculus to selected topics chosen from the major subfields of physics.
Completion of this course and its prerequisites is equivalent to completion of the calculus-based general physics sequence, PHYS 11100 and 12100.
prereq: MATH 15500, PHYS 12000
3 hrs (2 lec, 1 rec)
2 cr .
(15 cr) are required in addition to one year of high school chemistry or college chemistry

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

\section*{MATH 25000 - Calculus with Analytic Geometry III}

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.

\section*{MATH 25400 - Ordinary Differential Equations}

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

\section*{All four courses of the sequence are required}

No more than 4 credits of the sequence PHYS 231-234 may be used toward the major.

\section*{PHYS 23100 - Fundamentals of Laser and Fiber Optics}

\section*{GER}

3/B

Topics in optics related to lasers and optical fiber and devices for modulating and directing signals from such devices. Geometrical optics with emphasis on ray tracing. Matrix methods in optics. Lenses thick and thin, mirrors, prisms and other passive optical elements and systems. Propagation of light in materials. Dispersion and its effects. Special topics in geometric and wave optics. Laboratory complements classwork.
prereq: PHYS 12000 or 12100 or equiv; MATH 12500
5 hrs
4 cr.

\section*{PHYS 23200 - Laser and Electro-Optics Technology}

\section*{GER}

3/B

Wave optics, interference, coherence, polarization, birefrigence, diffraction, gratings in two and three dimensions, power and energy measurements, basics of laser safety, ultra-fast pulse technology measurements, basics of laser safety, ultra-fast pulse technologies, electro-optics and acoustooptics switches, optical materials, non-linear optics. Laboratory complements classwork.
prereq: PHYS 23100
7 hrs
5 cr .

\section*{PHYS 23300 - Laser Electro-Optics Devices, Measurements and Applications}

\section*{GER}

3/B

Laser as a device, principle of operation, cavity modes and their control (tuning elements, Q switching, mode-locking) and detection, laser design, types of lasers, includes discussion of laser types for medical, ranging and tracking, material processing, pollution monitoring, and optical memory applications, semiconductor laser. Laboratory complements class work.
prereq: PHYS 23100
6 hrs
4 cr.

\section*{PHYS 23400 - Fiber Optics Devices, Measurements, and Applications}

\section*{GER}

3/B

Propagation of light in optical fiber, including analysis of the behavior of different modes. Dispersion and distortion. Specialized light sources and their characterization. Fiber optic sensors. All optical fiber amplifiers. Optical switches and logic gates. Optical isolators. Techniques for joining fibers. Instruments for characterizing fiber and fiber links. Optical communications systems and protocols. Wavelength division multiplexing. Medical applications including fiber optics-diagnostic and surgical. Optical data processing and optical memories. Laboratory complements classwork. prereq: PHYS 23100

6 hrs
\(4 c r\).

\section*{Political Science}

\section*{About the Department}

Department Description

\section*{Programs and Courses}

Programs and Courses in Political Science

\section*{Administration and Faculty}

\section*{Department Office:}

1724 West
(212) 772-5500

Web site: http://www.hunter.cuny.edu/polisci/

Chair:

Carolyn Somerville
1724A West
(212) 772-5669

Polsci@hunter.cuny.edu

\section*{Faculty}

Political Science Faculty

HEGIS Code 2207

\section*{Minor in International Relations}

The International Relations (IR) minor is an inter-disciplinary course of study that allows students to examine international relations from different perspectives within a liberal arts curriculum. The International Relations minor introduces students to the major themes in IR: IR theories and approaches, peace and security, international political economy, foreign policy, and international norms and institutions.

\section*{Requirements}
- 15 credit minor-Students are required to complete at least one course from Group A and at least one course from two of the other four categories (Groups B-E).
- Students can take no more than three courses from one department.
- Students must complete at least one 300 -level course to fulfill the requirements of the IR minor.
- No more than two courses from the student's major can be applied toward the IR minor.

Note: Though not a requirement for the IR minor, students are strongly encouraged to study a foreign language.

\section*{A. IR Theories and Approaches}

These courses teach students the skills necessary to think and write clearly about IR.

\section*{POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)}

\section*{GER}

3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100 -level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 37700 - Theories of International Politics (W)}

\section*{GER}

3/B

An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.
prereq: POLSC 11500 or 27000 or 27500 or 28200 or perm. instr.
coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{ECO 20000 - Principles of Microeconomics}

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ 2/B
}

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

\section*{ECO 20100 - Principles of Macroeconomics}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

\section*{GEOG 24400 - Political Geography}

\section*{GER}

3/B
Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
\(3 c r\).

\section*{B. Foreign Policy and Analysis}

These courses emphasize the foreign policies of countries or regions and research design and methods in IR.

\section*{POLSC 20600 - Research Design in Political Science (W)}

\section*{GER}

3/B
Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 27600 - Global Issues (W)}

GER
3/B

Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.

3 hrs
3 cr .

\section*{POLSC 27400 - American Foreign Policy (W)}

\section*{GER}

3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 37800 - Russian National Interest: Past and Present (W)}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/B}

In a contemporary, historical and comparative context, this course explores the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: ENGL 12000 or equiv; POLSC 11500 or POLSC 11700 or perm instr.
3 hrs
3 cr .

\section*{POLSC 38400 - Comparative Foreign Policy (W)}

An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.
prereq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; or permission of the instructor; may not be taken by students who have completed POLSC 373.14.
4 hrs.
\(4 c r\).

\section*{ECO 22100 - Economic Statistics}

\section*{Hunter Core \\ Mathematics and Quantitative Reasoning \\ GER \\ 1/B}

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course

3 hrs
\(3 c r\).

\section*{POLSC 27100 - International Politics in the Americas (W)}
```

Pluralism and Diversity
PD/A
GER
3/B

```

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
or

\section*{HIST 34100 - Topics in History}

GER
3/B
Exploration of major trends, special controversies or significant events; topics vary each term.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{C. International Norms and Institutions}

These courses teach students how global cooperation has been achieved through the creation of international law, international norms, and international institutions.

\section*{POLSC 27800 - International Organizations (W)}

\section*{GER}

3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 28100 - Drugs, Politics and Public Policy (W)}

GER
3/B
Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on
political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{POLSC 37400 - International Human Rights (W)}

\section*{GER}

3/B

An examination of the origins, substance and processes of human rights in international relations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 37500 - International Law (W)}

\section*{GER}

3/B
The course will examine the sources, principles, functions, and effectiveness of international law.
prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr .

\section*{POLSC 38300 - Power Transitions, the U.S. and World Order (W)}

\section*{GER}

3/B
An examination of global power transitions and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.
prereq: ENGL 12000 (or equivalent), one course in international relations
4 hrs
\(4 c r\).

\section*{GEOG 33500 - International Pollution Issues}

\section*{GER}

3/B
A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
\(3 c r\).
PGEOG 36100-Global Climatic Change

\section*{GER}

3/B

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .

\section*{D. International Political Economy}

These courses emphasize international trade, finance, and development.

\section*{POLSC 27500 - Politics of the Global Economy (W)}

\section*{GER}

3/B
Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 37600 - International Political Economy (W)}

\section*{GER}

3/B
Examination of the intersection of politics and economics at the international level through a careful reading and analysis of dominant theoretical approaches and their application to central debates concerning the politics of trade, money and finance, development and globalization.
prereq: POLSC 11500 or 27000 or 27500; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
\(4 c r\).

\section*{GEOG 22100 - Economic Geography and Globalization}

GER
2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to
the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr .
Offered fall and spring

\section*{GEOG 37000-Geography of Sustainable Development in Developing Countries}

Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

\section*{ECO 33000-Economic Development}

\section*{Pluralism and Diversity}

PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr .

\section*{ECO 34000 - International Trade}

\section*{GER}

3/B

Theories of international trade and international trade policies.
prereq: ECO 20000
3 hrs
3 cr .
ECO 34100 - International Finance

GER
3/B

Theories of exchange-rate determination and open-economy macroeconomic theory and policy.
prereq: ECO 20100
3 hrs
3 cr.

\section*{SOC 36100 - Development and Modernization (W)}

Pluralism and Diversity
PD/A
GER
3/B
Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 30700-Migration}

Pluralism and Diversity
PD/B
GER
3/B
Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

GER
3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

\section*{E. International Peace and Security}

These courses focus on peace, security, conflict, violence, war, and terrorism.

\section*{POLSC 28200 - International Security (W)}

GER
3/B

An introduction to basic concepts and problems in the area of international security, this course will explore explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 28300 - Terrorism (W)}

\section*{GER}

3/B

The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.
prereq or coreq: \(E N G L 12000\) or the equivalent
3 hrs
3 cr .

\section*{POLSC 37900 - War and Strategy (W)}

\section*{GER}

3/B

An examination of strategy and wars between states, within states, and between states and transnational groups. Focuses on how strategy affects the avoidance, outbreak, conduct, and consequences of war and the difficulty of devising strategies that successfully link political ends and military means.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or the equivalent
4 hrs
4 cr.

\section*{POLSC 38000 - European Security (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/B
A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the \(21^{\text {st }}\) century.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
4 cr.

\section*{POLSC 38200 - Causes of War (W)}

\section*{GER}

3/B

An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.
prereq or coreq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
\(4 c r\).

\section*{Minor in Legal Studies}

The Legal Studies minor is an interdisciplinary course of study that allows students to examine the role and development of law from different perspectives within a liberal arts curriculum. Legal studies students will be introduced to the study of judicial opinions, theories of law and legal interpretation, the structure and role of legal institutions, and the operation of law in history and everyday life.

Law is a central feature of political, social, and economic life. The legal studies minor will prepare students embarking on careers in government, business, or the non-profit sector to think broadly and critically about the nature of law. It will also be extremely helpful for any students planning to pursue graduate study focusing on law or legal institutions, in a wide variety of disciplines. The legal studies program places an emphasis on developing students' communication skills, interdisciplinary scholarship and a commitment to connect undergraduate education to advanced career opportunities. The core of the legal studies minor, though, is a commitment to the study of law within the liberal arts tradition.

While there are many ways for students to prepare successfully for law school, an advantage of the legal studies minor is its ability to help the college identify students planning to apply to law school, to ensure that these students receive guidance on the application process as early as possible, and to give them a solid foundation when they enter law school.

\section*{Program Requirements}

\section*{15-credit minor}

Students are required to complete at least one course from within each of the three categories below. Students can take no more than three courses from one department.

No more than two courses from the student's major can be applied toward the Legal Studies minor. Courses used to fulfill the Legal Studies minor may be used to meet any other degree requirements, including the political science major. Students should be aware that courses listed for this minor may have prerequisites within their home departments.

\section*{Foundations of Legal Studies}

These courses teach students foundational knowledge and skills that are important for thinking and writing clearly about law.

\section*{PHILO 10300 - Introduction to Logic and Critical Thinking}

\section*{GER}

2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr .
offered each semester

\section*{PHILO 10600 - Philosophy, Politics and Society}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

\section*{PHILO 17000 - Introduction to Logic and Scientific Method}

\section*{Hunter Core}

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr .

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\section*{Hunter Core}

Flexible Core: US Experience in its Diversity
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{Legal Institutions and Legal Processes}

These courses emphasize the "law on the ground." They tend to present a more external analysis of the role and operation of legal institutions, actors, and norms.

\section*{POLSC 21900 - Women and the Law (W)}

Pluralism and Diversity
PD/C
GER
3/B

Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 23800 - The American Legal System (W)}

GER
3/B
Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York law.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 24000 - The American Judiciary (W)}

GER
3/B

The Supreme Court and other federal courts as part of policy-making process in American government. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 31000 - Comparative Legal Systems (W)}

GER
3/B
Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.
prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or
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perm instr; ENGL 12000 or its equivalent

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3 hrs
3 cr .

\section*{POLSC 37500 - International Law (W)}

\section*{GER}

3/B
The course will examine the sources, principles, functions, and effectiveness of international law.
prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr .

\section*{ASIAN 39002 - Asian American Civil Rights and the Law}

Pluralism and Diversity
PD/B
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.

3 hrs
3 cr .

\section*{MEDIA 39400 - Mass Communications and the Law}

GER
3/A

Relationship of mass media to significant constitutional problems.
prereq: MEDIA 18000
3 hrs
3 cr .
HIST 36400 - American Constitutional History, 1783 to 1900

Pluralism and Diversity
PD/D
GER
3/B

Development of constitutional thought from the framing of the Articles of Confederation to 1900 .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.
SOC 31900 - Criminology

GER
3/B

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32000 - Law, Society and Civil Rights}

\section*{GER}

3/B
Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

\section*{The Theory and Practice of Legal Interpretation}

These courses emphasize the "law on the books," the way relative insiders, like legal theorists and judges, talk about the content of law. Courses in this category introduce students to judicial opinions as well as normative theories about the way law should be interpreted

\section*{POLSC 34000 - Constitutional Law: Organizing the Government (W)}

\section*{GER}

3/B
Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .

\section*{POLSC 34100 - Constitutional Law: Civil Rights (W)}

\section*{GER}

3/B
Constitutional problems and Supreme Court decisions regarding race and sex discrimination.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
\(3 c r\).
POLSC 34200 - Constitutional Law: The First Amendment (W)
GER
3/B

Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.
prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr .

\section*{ECO 37000 - Law and Economics}

\section*{GER}

3/B

Analytical tools of microeconomics are used to examine various aspects of the law, including property, contracts, torts, liability, and criminal and family law.
prereq: ECO 20000
3 hrs
3 cr .

\section*{PHILO 25200 - Problems of Law and Morality}

\section*{GER}

3/B
Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
\(3 c r\).

\section*{PHILO 34600 - Contemporary Theories of Justice (W)}

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

\section*{Minor in Political Science}

Students minoring in political science must complete 12 credits in political science. No more than three credits can be at the 100-level. No more than three credits in independent study (POLSC 29001-29003) can be used to satisfy the minor. Internship credits may not be applied toward the minor.

The minor in Political Science is designed to provide students with solid grounding in political science and to encourage them to develop depth in the discipline in an area that will complement their major or develop expertise in an area of particular interest to them.

The minor in Political Science allows students considerable flexibility in designing a minor that will best serve their academic goals. Students may, for instance, wish to focus on courses dealing with European politics and foreign policy to complement a major in a European language and culture. Students may concentrate their courses in one field of political science, or spread them across several fields. Students may consult an advisor in the Department of Political Science about their goals as they choose courses to satisfy the minor.

\section*{Political Science - BA}

\section*{Major}

\section*{30 cr for students declaring after September 1, 2009}

Majors are required to take at least one course in each of the four following subfields of the discipline:
1. American Government
2. Political Theory
3. Comparative Politics
4. International Relations

Students may distribute their remaining courses in the major as they see fit. However, students contemplating graduate work are encouraged to specialize appropriately in consultation with the department's faculty members.

For students declaring after September 1, 2009, no more than two introductory (100-level) courses can be applied toward the major. Majors must complete at least three courses at the 300 -level or above in any subfield.

No more than 6 credits in internship, independent study, and/or experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major. Also, such credits may not be used to satisfy the distribution requirements in the four fields. Courses taken for Credit/No Credit may not be applied toward the major.

\section*{Hunter Core Requirement}

Several courses leading to or in this major fulfill parts of the Hunter Core Requirement (CUNY Common Core, Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path of the major. Details of the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

In the case of political science, the courses that meet CCC are:
Course
POLSC 11000
US Experience in its Diversity
POLSC 10000
World Culture/Global Issues
POLSC 25000
World Culture/Global Issues
POLSC 20000
Individual and Society
Please note that no more than two courses from any one department will count for the CUNY Common Core.

\section*{Minor in Political Science}

Students minoring in political science must complete 12 credits in political science. No more than three credits can be at the \(100-l e v e l\). No more than three credits in independent study can be used to satisfy the minor. Internship credits may not be applied toward the minor.

The minor in Political Science is designed to provide students with solid grounding in political science and to encourage them to develop depth in the discipline in an area that will complement their major or develop expertise in an area of particular interest to them. To complete a minor in Political Science, students must complete 12 credits in

Political Science with no more than 3 credits at the 100 level. Students may apply up to 3 credits of independent study in Political Science POLSC 29001-29003); however, internship credit may not be applied to the minor.

The minor in Political Science offers students considerable flexibility in designing a minor that will best serve their academic goals. Students may, for instance, wish to focus on courses dealing with European politics and foreign policy to complement a major in a European language and culture. Other students may wish to emphasize courses in international and public law in preparation for law school. Students may concentrate their courses in one field of political science, or spread them across several fields. Students may consult an advisor in the Department of Political Science about their goals as they choose courses to satisfy the minor.

\section*{Interdepartmental Fields}

Political Science department faculty are actively involved in many interdisciplinary programs at Hunter College. Students who want to do work in political science as part of the following interdepartmental programs should refer to the appropriate programs in this catalog.

Minor in Asian American Studies,
Human Rights,
Jewish Studies - BA ,
Latin American and Caribbean Studies - BA ,
Public Policy,
Women and Gender Studies - BA

\section*{Honors}

To complete the requirements for departmental honors in Political Science at graduation, students must have at least 30 credits in Political Science and be eligible for graduation in the semester that they formally complete department honors. At least 21 of these credits (or in exceptional cases, 18) must be taken in the Political Science Department at Hunter College. In the case of transfer students, the student's faculty supervisor must recommend an exception to this policy; however, in no case should a student who has taken fewer than 15 credits in academic coursework (excluding internships or other experiential education courses) in political science at Hunter College be recommended for departmental honors.

In addition, students must 1) have a GPA in the major of not less than \(3.5 ; 2\) ) have completed at least two credits (but not more than 6) in coursework specifically designated for honors (POLSC 492xx); 3) completed POLSC 49300, 4) work on the thesis with one Supervisor who must be a full-time political science faculty member.

The thesis should be a major paper of approximately 25 pages in length that reflects serious scholarship in an honors course. Students should enroll in POLSC 49202-49203 under the supervision of a faculty member with whom the student has done prior coursework and who has agreed to supervise the student's honors project. Students seeking to graduate with departmental honors should begin to plan the sequence of honors work at least two semesters in advance of their expected graduation date.

Approval for Honors will come from the Supervisor. Once students have received the approval of the Sponsor, the thesis can be submitted for departmental honors. Successful completion of departmental honors includes a formal presentation of the thesis to the Honors Committee. Final papers must be deposited in the department office.

\section*{Pi Sigma Alpha}

Students interested in joining this honor society should consult with Professor Leonard Feldman, 1702 Hunter West, (212)396-6246, lfeldman@hunter.cuny.edu.

\section*{Writing Corequisite and Prerequisites}

Introductory, intermediate and advanced political science courses require significant expository writing and ENGL 12000 as a co- or prerequisite. To assure that students are ready for these courses, they should be enrolled in ENGL 12000 (or its equivalent) or have successfully completed the course. For all 100-level courses, ENGL 12000 (or its equivalent) is a prerequisite or co-requisite; for all 200-level, 300-level and 400-level courses, ENGL 12000 (or its equivalent) is a prerequisite.

\section*{Seminar/Internship Program in New York Government}

This university-wide program is designed to bridge the gap between academic study and the practical world of government. Each year approximately 300 students are selected as CUNY interns. Hunter College students participate by enrolling in POLSC 22200/22300. Interns spend eight to ten hours a week in agencies, political offices or community groups working on administrative or research assignments related to urban affairs and services.

They attend a weekly classroom seminar at Hunter and monthly meetings of the entire program at the CUNY Graduate School. Prominent government officials, political leaders, community representatives and academic experts participate in both the weekly and monthly meetings. Students are advised to have taken prior coursework in American politics and to have at least a 3.0 GPA prior to being admitted to this program. For further information, consult the Department of Political Science.

\section*{Other Internships}

Students may wish to consider internships in any field of political science, and receive credit through POLSC 2980129806. The department does not offer internship credits to students in their first semester at Hunter College or to students who have never taken a political science course at Hunter. Up to 6 credits in internship work (POLSC 2980129806) may be used to satisfy requirements for the major. As a general rule, a student who takes POLSC 29801-29806 must be supervised by a full-time faculty member with whom the student has done prior coursework and who has agreed to supervise the student's internship. Additional internship credits may be used as electives toward graduation.

\section*{Preparation for Graduate Study}

Many political science majors go on to graduate study. Students considering graduate work should consult members of the political science faculty.

\section*{Awards and Prizes}

The Political Science Department confers recognition on its outstanding graduates through prizes and awards. The Katherine Duffy Prize and the David Haight Memorial Prize are presented annually to graduating political science majors.

\section*{Scholarships}

The Political Science Department may award the Joan Pincus Scholarship to students majoring in political science who have achieved at least sophomore status, have an excellent academic record and have demonstrated financial need. For additional information, see the department chair or a departmental adviser.

\section*{Psychology}

\section*{About the Department}

Department Description

\section*{Programs and Courses}

Programs and Courses in Psychology

\section*{Administration and Faculty}

\section*{Department Office:}

Room: 611 North
Phone: (212) 772-5550
Web site: http://www.hunter.cuny.edu/psychology

Chair:

\section*{Christopher Braun}

Room: 611 North
Phone: (212) 772-5550
psychadv@hunter.cuny.edu

\section*{Faculty}

Psychology Faculty

HEGIS Code: 2001

\section*{Minor in Psychology}

The minor in psychology is designed to expose students to a variety of content areas in the field of psychology and to provide the student with the ability to evaluate psychology research as a consumer. To declare a psychology minor, the student must have completed any 100 -level psychology course with a minimum grade of C and a required mathematics course with a minimum grade of C or CR . The mathematics requirement may be satisfied by STAT 11300 or MATH 12500 or by an appropriate score on the mathematics placement test. The minor in Psychology consists of 15 credits in Psychology, as follows:PSYCH 10000 and any other 3 cr. PSYC course; PSYCH 21500 ; and any 2 200-level PSYC courses below PSYCH 24800. The total number of credits to fulfill all minor requirements, including credits for all prerequisites, is 18: 15 credits in PSYC course and 3 credits in STAT 11300 or MATH 12500.

\section*{Psychology - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\author{
Hunter Core \\ English Comp (EC) \\ GER \\ 1/A
}

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

\section*{PSYCH 10000 - Introduction to Psychology}

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
\(4 c r\).
-or-

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Exemptions}

A student may be exempt from PSYCH 10000 by earning a score of 4 or 5 on the Advanced Placement Test taken in conjunction with a high school course in psychology or by passing the CLEP examination (College Level Education Program). Exemption from Child Psychology (PSYCH 21000) may be earned by a passing grade on the CLEP examination in Developmental Psychology. CLEP examinations are given at various testing centers. Interested students can obtain information and application forms at http://www.collegeboard.com or by contacting the Office of Student Services. A passing grade on either CLEP examination provides 3 credits. Information on exemption from the mathematics course requirement and on test administration is available from the Testing Center, North 150 (http://admissions.hunter.cuny.edu/Testing.htm).

\section*{The Psychology Major}

\section*{Preparation}

The psychology major is designed to provide students with training in both the evaluation and the generation of research data. For this reason, the core sequence of Psychological Statistics and Experimental Psychology is central to the program and is a prerequisite for all upper-level psychology courses. Performance in the Psychological Statistics/Experimental Psychology sequence will be greatly facilitated by proper preparation in mathematics and laboratory science and the development of excellent writing skills.

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

\section*{GER}

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or
appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

\section*{PSYCH 24900 - Experimental Psychology: Social}

\section*{GER}

3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250 , but not both.)

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYC 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr .

\section*{Course of Study}

Completion of ENGL 12000 prior to declaration of the major in psychology is strongly recommended. ENGL 12000 is a pre or co-requisite for all 200 -level classes below 24900 . For any classes numbered 24900 and above, ENGL 12000 is
a prerequisite. Students whose career goals include professional work in psychology, social work, or counseling should take the following courses, as appropriate. Note that each may be used only once to satisfy major requirements.

\section*{PSYCH 20100 - Independent Study in Psychology}

May be taken two times but will be applied to major only once. Designed to meet the needs of individual students under the direction of a particular faculty sponsor. The course may involve independent readings, tutorials, work as an advising assistant or peer counselor, field placement, an individual research project, or participation in ongoing faculty research, any of these culminating in a written report.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 30600 - Seminar in Psychological Services I (A)}

Open to declared majors only. An integration of personality and abnormal psychology, the helping process and the role of the helper. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 2200 or 32300 , PSYCH 24900 or 25000 , perm instr.
8 hrs
\(4 c r\).

\section*{PSYCH 30700 - Seminar in Psychological Services II (A)}

Integration of personality and abnormal psychology. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000, PSYCH 30600, perm instr.
3 hrs
3 cr .

\section*{PSYCH 39500 - Independent Research in Psychology}

May be taken two times, but will apply to the major only once. Designed to meet the needs of individual students under the direction of a particular instructor at a more advanced level than PSYCH 20100. Such study may involve independent reading, tutorials, independent research projects, or participation in ongoing faculty research, any of these culminating in an APA-style research report or literature review. Field Placements (internships) cannot be granted credit as PSYCH 39500; however, supervised field Placement taken in conjunction with PSYCH 36100 - Psychological Tests (A) will be granted credit as PSYCH 39500.
prereq: ENGL 12000, PSYCH 24900 -or- 25000, perm instructor and department
3 hrs
3 cr .

\section*{PSYCH 39600 - Honors in Psychology}

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
3 cr .

\section*{Declaration of Major}

To declare a psychology major, the student must have completed Introduction to Psychology (PSYCH 10000) and any other 100-level psychology course with a minimum grade of B, a required mathematics course with a minimum grade of C or CR and have a minimum GPA of 2.00 . The mathematics requirement may be satisfied by the following, or by earning exemption from the mathematics requirement. The major must be declared in person with an undergraduate psychology adviser. (Refer to website http://hunter.cuny.edu/psychology for schedule.) The student must bring his/her Hunter transcript (and where relevant, transcripts from all other colleges attended) when meeting with the adviser to declare a psychology major.

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs
\(4 c r\).

\section*{Psychology Major}
- The major consists of 26 credits in psychology above the 100 level, including PSYCH 24800 - Statistical Methods in Psychological Research and PSYCH 24900 - Experimental Psychology: Social or PSYCH 25000 - Experimental Psychology: General. The major also requires at least one course in each of the following content areas:

\section*{Applications of Psychology (A):}
- PSYCH 22100 - Psychoanalytic Theories (A; D/S)
- PSYCH 22300 - Abnormal Psychology (A; D/S)
- PSYCH 24000 - Applications of Psychology (A)
- PSYCH 24200 - Health Psychology (A)
- PSYCH 30600 - Seminar in Psychological Services I (A)
- PSYCH 30700 - Seminar in Psychological Services II (A)
- PSYCH 32300 - Developmental Psychopathology (A; D/S)
- PSYCH 32800 - States of Consciousness (A/C)
- PSYCH 34000 - Industrial and Organizational Psychology (A)
- PSYCH 34100 - Stress, Trauma, and Resilience (A)
- PSYCH 34200 - Emotion: Function and Dysfunction (A)
- PSYCH 34400 - Clinical Psychology (A)
- PSYCH 36100 - Psychological Tests (A)
- PSYCH 36200 Psychological Determinants of Health Disparities (A; D/S)
- PSYCH 36300 Health Behavior Change (A; D/S)
- PSYCH 36400 Sexuality and Health (A)
- PSYCH 36500 Coping with Chronic Disease (A; D/S)
- PSYCH 36600 Interpersonal Relationships and Health (A; D/S)
- PSYCH 38400 Current Topics in Developmental Psychology (A; D/S)
- PSYCH 38600 Current Topics in Clinical Psychology (A)
- PSYCH 38700 Current Topics in Health Psychology (A; DS)

\section*{Biopsychology (B):}
- PSYCH 22400 - Neuroscience (B)
- PSYCH 22500 - Ethology: Animal Behavior (B)
- PSYCH 30000 - Physiological Psychology (B)
- PSYCH 30100 - Sensation and Perception (B; C)
- PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)
- PSYCH 31600 - Cognitive Neuroscience (B/C)
- PSYCH 32000 Neuronal Basis of Behavior (Neuroethology) (B)
- PSYCH 32100 - Animal Orientation: Function and Mechanisms (B)
- PSYCH 32400 - Communication Behavior (B/C)
- PSYCH 32500 - Animal Cognition (B/C)
- PSYCH 32700 - Motivation and Emotion (B; C)
- PSYCH 36700 Biological and Social Bases of Addictive Behavior (B)
- PSYCH 36900 - Behavioral Pharmacology (B)
- PSYCH 38100 Current Topics in Animal Behavior (B)
- PSYCH 38200 Current Topics in Biopsychology (B)

\section*{Cognitive Processes (C):}
- PSYCH 24300-Cognitive Processes (C)
- PSYCH 30100 - Sensation and Perception (B; C)
- PSYCH 31000 - Research Methods in Developmental Psychology (C; D/S)
- PSYCH 31600 - Cognitive Neuroscience (B/C)
- PSYCH 32200 - Psychology of Language (C)
- PSYCH 32400 - Communication Behavior (B/C)
- PSYCH 32500 - Animal Cognition (B/C)
- PSYCH 32700 - Motivation and Emotion (B; C)
- PSYCH 32800 - States of Consciousness (A/C)
- PSYCH 32900 - Cognitive Science (C)
- PSYCH 33000 - Memory and Attention (C)
- PSYCH 33100 - Social Cognition of Gender (C)
- PSYCH 35000 - Learning (C)
- PSYCH 37000 - Cognitive Development (C; D/S)

\section*{Developmental/social psychology (D/S) :}
- PSYCH 21000 - Child Development (D/S)
- PSYCH 21200 - Exceptional Childhoods (D/S)
- PSYCH 22000 - Personality (D/S)
- PSYCH 22100 - Psychoanalytic Theories (A; D/S)
- PSYCH 22300 - Abnormal Psychology (A; D/S)
- PSYCH 23000 - Social Psychology (D/S)
- PSYCH 23500 - The Psychology of Women (D/S)
- PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)
- PSYCH 31000 - Research Methods in Developmental Psychology (C; D/S)
- PSYCH 31300 - Adolescence (D/S)
- PSYCH 31500 - Adult Development (D/S)
- PSYCH 32300 - Developmental Psychopathology (A; D/S)
- PSYCH 33100 - Social Cognition of Gender (D/S)
- PSYCH 33200 - Attitudes and Persuasion (D/S)
- PSYCH 33300 - Advanced Social Psychology Theory and Methods (D/S)
- PSYCH 33400 - Cultural Psychology (D/S)
- PSYCH 35500 - Ethnic and Cultural Identity Theories (D/S)
- PSYCH 36200 Psychological Determinants of Health Disparities (A; D/S)
- PSYCH 36300 Health Behavior Change (A; D/S)
- PSYCH 36500 Coping with Chronic Disease (A; D/S)
- PSYCH 36600 Interpersonal Relationships and Health (A; D/S)
- PSYCH 37000 - Cognitive Development (C; D/S)
- PSYCH 38400 Current Topics in Developmental Psychology (A; D/S)
- PSYCH 38500 Current Topics in Social Psychology D/S
- PSYCH 38700 Current Topics in Health Psychology (A; DS)
(If a course meets requirements for more than one content area, the student may apply the course to only one of them.) All of the content-area courses must be at or above the 200 level and at least 2 of the content-area courses must be at or above the 300 level. Two additional (elective) courses in psychology, at the 200 level or higher, must be completed. Two semesters of laboratory science must also be completed. (See the Science Requirement for Graduation below.)

Qualified undergraduates in their last semester may register for graduate-level psychology courses with the permission of the instructor and the graduate adviser. Most psychology majors intending to attend graduate school take more than the minimum 26 credits in psychology and design their course of study in close consultation with a faculty mentor. Students should obtain a copy of "Psychology Major Requirements and Policies" from the undergraduate advising office as soon as they declare the major for up-to-date information on department resources, activities and faculty research interests.

Beginning in the spring 1998 semester, psychology courses taken on a Credit/No Credit basis may not be applied toward the major; PSYCH 24800, PSYCH 24900, PSYCH 25000 may not be taken on a Credit/No Credit basis.

\section*{Courses Taken on Permit and Courses Transferred into Hunter}

Once the psychology major is declared, students may not take any psychology course that they wish to count toward the major on permit at another college. In contrast, psychology courses that were taken before the student enrolled at Hunter and that are deemed equivalent to a Hunter College course may count toward the major. The assessment of course equivalency is made by the Office of Admissions and by the undergraduate psychology advising office.

\section*{Prerequisites}

Course prerequisites are strictly enforced. Students are responsible for meeting all course prerequisites, including satisfactory completion of courses in progress at the time of enrollment. Students enrolling in courses without necessary prerequisites will be dropped from the class by the registrar. The department screens for prerequisites and students may be dropped after the course begins. (See specific prerequisites for each course in Course Listings section.)

Prerequisites for PSYCH 24800 - Statistical Methods in Psychological Research. All students must have received at least a C or CR in STAT 11300 or MATH 12500 (STEM) or earned mathematics exemption and must have declared psychology as their major in the Psychology Department Advising Office at Hunter.

Prerequisites for PSYCH 24900 - Experimental Psychology: Social and PSYCH 25000 - Experimental Psychology: General. All students must be declared Psychology majors and have passed ENGL 12000 with C or higher, STAT 11300 or MATH 12500 with C or higher (or earned mathematics exemption), PSYC 24800 with C or higher, and 1 semester of laboratory science (see Science Requirement for Graduation, below).

As of fall 2011, only PSYCH 25000 will be offered

\section*{Science Requirement for Graduation}

In order to graduate, psychology majors must have completed two semesters in laboratory science that were approved by the department. Students must take at least one semester of laboratory science before taking PSYCH 24900 or PSYCH 25000 . Students may complete the laboratory science courses at any point in their studies, and the courses need not be taken in sequence. The science requirement may be met by any of the following courses, all of which meet the General Education Requirement Stage 2/E, Laboratory Science, requirement:

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

\section*{ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises}

\section*{GER}

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
4 cr.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)

\section*{Pluralism and Diversity}
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only

\section*{BIOL 12500 (STEM) - Human Biology}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

\title{
CHEM 10000 (STEM) - Essentials of General Chemistry Lecture
}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ GER 2/E
}

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec)
3 cr.

\section*{CHEM 10100 - Inquiries into the Nature of Matter}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) \\ GER \\ GER 2/E
}

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100 .

3 hrs
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

\section*{CHEM 11100 (STEM) - Chemical Principles}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral
presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

\section*{CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\section*{Hunter Core}

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10000

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4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food
science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

\section*{GEOL 10000 - Introductory to Geology}

\author{
Hunter Core \\ Scientific World (SW) \\ GER \\ 2/E
}

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr .
Offered fall and spring.

\section*{GEOL 10200 - Plate Tectonics and the Earth's Evolution}

\section*{GER}

2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

\section*{PGEOG 13000 (STEM) - Weather and Climate}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic
physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

\section*{PGEOG 23100 - Physical Geography II: Principles of Geomorphology}

See GEOL 23100

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E
}

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics}

\section*{Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E}

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{Additional Information}

For transfer students, the laboratory science requirement may be met by courses taken at previous institutions only if they have been assigned the Hunter College course numbers in the above list. Transfer students should check with the psychology adviser after their courses have been formally evaluated by Hunter College to determine whether the science requirement has been met.

Note: Students who declared a psychology major before January 1, 1998 are exempt from the science requirement within the Department of Psychology.

\section*{Special Programs}

\section*{Field Placement Program}

Offered for one semester (PSYCH 30600) or as a 2-semester sequence, Psychological Services I and II (PSYCH 30600 and PSYCH 30700) give enrolled students practical supervised career experience one day per week in an approved mental health or community service setting in conjunction with a class that meets once each week. Students may also gain field experience in conjunction with academic work through Independent Study (PSYCH 20100) with a faculty sponsor. Permission of the instructor is required for these courses and students should start making arrangements by the preceding term before they plan to take the course (e.g., midspring for the fall term). The undergraduate adviser can inform students of the instructor who will be teaching PSYCH 30600 and PSYCH 30700, for which field placement referrals are made by the instructor. Students wishing to take PSYCH 20100 in conjunction with a field experience should meet with the college internship coordinator (by appointment in Career Development, Room 805 Hunter East) and with prospective faculty sponsors.

\section*{The DIDARP Program (Diversity Institutional Drug Abuse Research Development Program)}

The overall goal of DIDARP is to develop the capacity of Hunter College to support drug abuse research through the following objectives: (1) provide faculty from diverse populations with drug abuse research knowledge and skill development through the conduct of research projects and other professional development activities, (2) encourage students from diverse populations to pursue drug abuse research careers by providing them with educational enrichment and research experiences; and (3) strengthen the underlying institutional infrastructure needed to support drug abuse research. Undergraduate students supported by DIDARP are highly qualified students from underrepresented populations. They must be interested in pursuing careers in drug abuse research and in working in the laboratory of a DIDARP investigator.

\section*{BP-ENDURE}

The Blueprint Program for Enhancing Neuroscience Diversity through Undergraduate Education is designed to identify exceptionally talented undergraduates and prepare them to obtain doctoral degrees in neuroscience-related fields of study. The program offers specialized neuroscience courses, summer research experiences, and mentoring from senior faculty. For additional information, please visit http://www.bpendure.org

\section*{Minor}

As of the spring of 2009, Hunter no longer requires that students have a minor. Those students wishing to do a minor should go directly to the department in which they are interested in doing a minor and declare it with that department.

\section*{Minor in Psychology}

\section*{Declaring a Minor in Psychology}

The minor in psychology is designed to expose students to a variety of content areas in the field of psychology and to provide the student with the ability to evaluate psychological research as a consumer.

To declare a psychology minor, the student must have completed PSYCH 10000 and any other 100-level psychology course with a minimum grade of C and a required mathematics course with a minimum grade of C or CR . The mathematics requirement may be satisfied by STAT 11300 or MATH 12500 (STEM), or by an appropriate score on the mathematics placement test.

The minor in Psychology consists of 15 credits in Psychology as follows:

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .
- Another 3-credit 100-level PSYCH course

\section*{PSYCH 21500 - Introduction to Research Methods in Psychology (W)}

GER
3/B

Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
- Two 200-level PSYCH courses below PSYCH 24800
- NOTE: The total number of credits to fulfill all minor requirements, including credits for all prerequisites is 18. Fifteen credits in PSYCH courses and 3 credits in STAT 11300 or MATH 12500.

\section*{Concentration}
- Psychology: Concentration in Behavioral Neuroscience

\section*{Psychology: Concentration in Behavioral Neuroscience}

\section*{Purpose}

The Behavioral Neuroscience Concentration within Psychology provides interdisciplinary training for students preparing for academic or professional careers in neuroscience-related areas. The concentration brings together students from Psychology and Biology in a set of core courses and offers mentored research experience in faculty laboratories, opportunities for student research presentations and talks by distinguished visiting neuroscientists. The neuroscience concentration is a particularly good option for students who plan to do graduate study in neuroscience or neurosciencerelated fields or attend medical school for neurology, neurosurgery, or psychiatry specialties. Because of the large number of required courses in the concentration, it is very important that interested students meet with the concentration adviser as early in their college career as possible-no later than the start of their Sophomore year. The concentration adviser is Prof. Philip Zeigler, ((212) 772-5363; Room 626 Hunter North).

\section*{Admission Requirements}

Admission is by application at the end of the sophomore year. Applicants will need to have completed or be currently taking the following courses with a minimum GPA overall of 3.0 and of 3.5 in the major. Selection will be based upon a combination of grades and an interview, and the identification of a faculty sponsor in whose laboratory the student's research will be carried out. Application forms and names of faculty contacts may be obtained from the Psychology adviser's office.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ PD/C or D \\ GER \\ 2/E
}

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{PSYCH 10000 - Introduction to Psychology}

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{PSYCH 18000 - Brain and Behavior}

GER
2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr .

\section*{Course Requirements for the Undergraduate Concentration in Behavioral Neuroscience}

In addition to completion of the psychology major and the introductory sequences in chemistry and biology, students in the concentration will take the introductory course in calculus, additional courses in biology and chemistry and an interdisciplinary Behavioral Neuroscience Seminar. A year of laboratory research is required and an undergraduate thesis based on this research will be eligible for consideration for Departmental Honors. Completion of the concentration meets the requirements for the minor in Biology. For continuation in the concentration, students must maintain the GPA required for entry.

\section*{Required Courses/Credits}

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B
An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E}

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.

Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lab, 1 rec)
1.5 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}
```

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

```
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}
```

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.

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\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

\section*{PSYCH 18000 - Brain and Behavior}

GER
2/B
Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000

3 hrs
3 cr .

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

\section*{GER}

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B
Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive

6 hrs (2 lec, 4 lab)
4 cr.

\section*{PSYCH 39600 - Honors in Psychology}

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
3 cr .

\section*{PSYCH 39800 - Honors in Psychology}

Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: PSYCH 39600, perm instr.
3 hrs
3 cr .

\section*{BIOL 47100 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

\section*{Electives}
( 9 credits, at least 3 of which must be Biology)

\section*{PSYCH 30000 - Physiological Psychology (B)}

\section*{GER}

3/B
Neural and endocrine mechanisms involved in learning, emotion, perception and other psychological processes.
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000

3 hrs
3 cr .

\section*{PSYCH 30100 - Sensation and Perception (B; C)}

\section*{GER}

3/B

Open to declared majors only. Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr.

\section*{PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)}

Pluralism and Diversity
PD/C
GER
3/B

Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

PSYCH 32700 - Motivation and Emotion (B; C)

GER
3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .
PSYCH 36900 - Behavioral Pharmacology (B)

GER
3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.
prereq: ENGL 12000,. PSYCH 24900 or 25000, PSYCH 30000 or perm instr.
3 hrs
3 cr .

\section*{BIOL 37000 - Physiology of the Nervous System}

\section*{GER}

3/B

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only

\section*{BIOL 37600 - Endocrinology}

\section*{GER}

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr .
spring only

\section*{BIOL 38000 - Molecular Neurobiology}

GER
3/B

Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr .
fall only

\section*{Additional Information}

For questions or further information see the concentration adviser: Prof. P. Zeigler, tel: (212) 772-5363, hzeigler@hunter.cuny.edu

\section*{Public Policy}

\begin{abstract}
About the Program

The Program in Public Policy is an 18-credit undergraduate minor open to students in all disciplines. Students also have an option to receive a Certificate in Public Policy by taking 9 additional credits (for a total of 27 credits).

The Roosevelt House public policy program is based on the understanding that the preparation of informed individuals is the key to a vibrant participatory democracy. The program prepares students by providing essential research and rigorous analytical skills that are important goals of a strong liberal arts education. Our graduates are unique; they span many majors from Anthropology to Psychology, Chinese and Classics to Biology. Students have an opportunity to interact first-hand with policy experts and practitioners in New York City and Washington, DC, both in the classroom and outside, and learn how policies are created, how communities come together to demand change, who benefits from specific policies, and how to best measure the impact of laws. These are important skills that enable graduates to embark on careers in public affairs and the nonprofit sector, or remain engaged in public affairs-nationally and globally-regardless of their stated major and career aspirations.

To enroll in the public policy minor ( 18 credits) or certificate ( 27 credits), a student must have completed at least 45 credits of undergraduate study, with a minimum GPA of 3.0. Students must maintain a 3.0 GPA and receive a grade of B or higher in their public policy courses to remain in the program.
\end{abstract}

\section*{Courses}

Courses in Public Policy
PUPOL 10000 - Introduction to Public Policy

PUPOL 40000 - Capstone Seminar (Open only to Public Policy students)

\section*{Administration and Faculty}

\section*{Program Contact:}

Shyama Venkateswar, Ph.D.
Director of the Public Policy Program and Distinguished Lecturer
Roosevelt House
(212) 396-7935
shyama.venkateswar@hunter.cuny.edu

\section*{Public Policy}

The Program in Public Policy is an 18-credit undergraduate minor open to students in all disciplines. Students also have an option to pursue 9 additional credits (for a total of 27 credits) to receive a Certificate in Public Policy upon graduation. The Roosevelt House program is based on the understanding that the preparation of informed citizens is essential to a healthy democracy and an important aspect of a liberal arts education. Unlike most graduate programs in public policy that are designed to prepare people for careers in the public and nonprofit sectors, the undergraduate program at Roosevelt House provides students with knowledge and skills that enable them to be active participants in a democratic society. Many of its graduates will undoubtedly go on to careers in the public and nonprofit sectors. Capable citizenship, however, is required in all walks of life; therefore the program can benefit all students regardless of their stated major, career goals, or personal objectives. To enroll in the public policy minor ( 18 credits) or certificate ( 27 credits), a student must have completed at least 45 credits of undergraduate study, with a minimum G.P.A. of 3.0.

\section*{Minor in Public Policy}

An 18-credit undergraduate minor in public policy is open to students in all disciplines.

\section*{Core Requirements}

\section*{PUPOL 10000 - Introduction to Public Policy}

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines. Writing Requirements:This course will require 20 to 25 pages of writing in the form of two take home essay examinations ( \(4-5\) pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr .

\section*{PUPOL 40000 - Capstone Seminar}

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\section*{Hunter Core}

US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .
One Course in Economic Analysis

\section*{ECO 20000 - Principles of Microeconomics}

\section*{Hunter Core}

Scientific World (SW)
GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .
One Course in Quantitative Analysis

\section*{ECO 22100-Economic Statistics}

\section*{Hunter Core}

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

\section*{POLSC 20600 - Research Design in Political Science (W)}

\section*{GER}

3/B

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{SOC 24000 - Introduction to Research Methods}

\section*{GER}

3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

One Course in Normative, Ethical, and Value Analysis. Such courses include but are not limited to:

\section*{PHILO 10600 - Philosophy, Politics and Society}
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Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

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\section*{PHILO 24400 - Moral Philosophy (W)}

\section*{GER}

3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

\section*{PHILO 10400 - Introduction to Ethics}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
GER
2/C

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

\section*{SOC 21800 - Social Inequality}

\section*{GER}

3/B

Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
\(3 c r\).

\section*{POLSC 31100 - Utopian Theory (W)}

GER
3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.
3 hrs
3 cr .

\section*{POLSC 30500 - Democratic Theory (W)}

GER
3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.
prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{Substantive Policy Specialization}

For the Public Policy Certificate each student will take the 6 core courses (18 credits) and will be required to declare a substantive area of specialization comprised of 3 courses ( 9 credits) of additional course work. These may be grounded in a particular discipline or disciplines. Or a student may use the substantive specialization to take advantage of clusters of expertise that exist across several Hunter departments. Examples of the latter include (but are not limited to) immigration, health, aging, gender studies, macroeconomics, public finance, economic development, race and ethnicity, public law, human rights, ethics, international relations, international trade, education, urban affairs, environmental studies, employment, and social services. Courses designated for the substantive specialization need approval by the faculty advisor.

\section*{Additional Opportunities}

Hunter College offers other unique opportunities to its students. These options are designed to enrich the student experience in policy curriculum.

\section*{Generic Policy Courses}

Advanced courses which build on the knowledge and skills acquired in the core courses and are applicable to students in a wide range of substantive specializations.

\section*{Internships}

Undergraduate internship programs currently exist in a number of academic departments which are designed to give students a chance to work in a policy-related institutional setting outside the university, either in a government agency, nonprofit, think tank, or advocacy group. Some carry compensation, others are voluntary.

\section*{Policy Colloquia}

A colloquium series will be launched at Roosevelt House that will allow students and faculty to come together several times a semester to discuss public policy issues. Guest speakers, including scholars and practitioners, with relevant expertise will be invited to discuss topics of the day either individually or in panels.

\section*{Religion}

\title{
About the Program
}

Program Description

\section*{Program in Religion}

Religion - BA

\section*{Administration and Faculty}

\section*{Program Office:}

1241 West
(212) 772-4989

Web site: http://www.hunter.cuny.edu/religion
Director:
Barbara Sproul
1206 West
(212)772-4986
bsproul@hunter.cuny.edu

Faculty

Religion Faculty
HEGIS Code: 1510

\section*{Minor in Religion}

The Minor in Religion consists of four courses for a total of 12 credits.
- The following two courses are required:
- REL 11000 - Nature of Religion (W)
- REL 11100 - Approaches to Religion (W)
- Also required for the Minor in Religion:
a) one course to be chosen from those listed under the category "Religious Traditions"; and
b) one course from the category "Issues in Religion" reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300 -level course.

\section*{Religion - BA}

Return to: Religion Program Information

\section*{Foundational Course}

A Foundational Course, ENGL 12000, must be completed before embarking upon the major.

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major (30 cr)}

A major in religion consists of 30 credits. A sequence of courses for the major normally includes REL 11000-Nature of Religion, REL 11100-Approaches to Religion, REL 25100-Asian Religions, and REL 25300-Abrahamic
Religions followed by at least one course in theoretical studies and at least one course in religious issues.
1. Introduction to the Field of Religion
2. Theoretical studies in Religion
3. Issues in Religion
4. Religious Traditions

On becoming a major the student, in consultation with the director, will select one member of the program in Religion staff as his or her major adviser. Each religion major is required to consult with this adviser at least twice a year.

\section*{Religion Program Courses}

\section*{I. Introduction to the Field of Religion}

\section*{REL 11000 - Nature of Religion (W)}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ GER \\ 2/C
}

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.

\section*{REL 11100 - Approaches to Religion (W)}

\author{
Hunter Core \\ Individual and Society (I\&S) Humanities \\ GER \\ 2/C
}

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr .

\section*{II. Theoretical Studies in Religion}

\section*{REL 27000 - Religion and Psychology (W)}

Pluralism and Diversity
PD/D
GER

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{SOC 20500 - Sociology of Religion}

GER
3/B

Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100
3 hrs
3 cr .

\section*{PHILO 26200 - Philosophy of Religion (W)}

GER
3/A

Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr .

\section*{ANTHC 30700-Anthropology of Religion}

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning. 3 hrs
3 cr .
REL 39000 - Modern Theories of Religion (W)
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Pluralism and Diversity
PD/D
GER
3/A

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An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
prereq: ENGL 12000, REL 11100
3 hrs
3 cr .

\section*{REL 26000 - Special Topics: Theoretical Studies in Religion}

Specialized study of a methodological approach to the study of religion. Different topic each time offered. 3 hrs
3 cr .
REL 36000 - Special Topics: Theoretical Studies in Religion

GER
3/A

Specialized study of a methodological approach to study of religion. Different topic each time offered. 3 hrs
3 cr.
III. Issues in Religion

REL 20400-Religious Experience (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western. prereq: ENGL 12000
3 hrs
3 cr .

REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .

REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D

\section*{GER}

2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20700 - Religious Sources for Morality (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C
Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20800 - Religion and Social Justice (W)}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/B
}

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20900 - Religion and Human Rights (W)}

\section*{Hunter Core}

Individual and Society - Humanities
GER
2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the \(20^{\text {th }}\) century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment-seem to conflict head on with the strictures of various religions. This
course will examine these various intersections.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 21000 - Atheism (W)}

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 21100 - The Sacred Sky: Astrology in World Religions (W)}

\section*{GER}

2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 30700-Religious Ideas in Modern Literature (W)}

Pluralism and Diversity
PD/D
GER
3/A
Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 30800-Religion and the Arts (W)}

Pluralism and Diversity
PD/D
GER
3/A
Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 30900 - The Religious Meanings of Love and Sex (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
$3 c r$.

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\section*{REL 31000 - The Religious Meanings of Death (W)}
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Pluralism and Diversity
PD/D
GER
3/A

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Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3 cr .
REL 31100 - Women and Religion (W)
```

Pluralism and Diversity
PD/C
GER
3/A

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An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000

3 hrs
\(3 c r\).
REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A
The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and nonWestern traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31300 - Spirit and Nature (W)}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31400 - Religion and Sports (W)}

\section*{GER}

3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in \(19^{\text {th }}\) century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31500 - The Problem of Evil (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A

Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31600 - Men and Religion (W)}

\section*{Pluralism and Diversity}

PD/C -or- PD/D
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars-both male and female--have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.

3 hrs
3 cr .

\section*{REL 31700-Religion and Film (W)}

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative - topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion.
prereq: ENGL 12000
3 hr.s
3 cr .

\section*{REL 31800-Religion and Science (W)}

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31900-Religion and the Body (W)}

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.
prereq: ENGL 12000
3 hrs
3 cr .

REL 33400-Mysticism (W)
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Pluralism and Diversity
PD/D
GER
3/A

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Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 33500 - Myth and Ritual (W)}
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Pluralism and Diversity
PD/D
GER
3/A

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Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis. prereq: ENGL 12000
3 hrs
3 cr .

REL 34000 - Homosexuality in World Religions (W)
```

Pluralism and Diversity
PD/C
GER
3/A
A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender. prereq: ENGL 12000
3 hrs
3 cr .

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REL 26100 - Special Topics: Issues in Religion

Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
\(3 c r\).
REL 36100 - Special Topics: Issues in Religion

GER
3/A
Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr .
IV. Religious Traditions

Ancient Religions
REL 25200 - Ancient Near Eastern Religions (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A

\section*{GER}

2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25700 - Religions of Ancient Central and South America (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C
Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25800 - Religions of Ancient Europe (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{CLA 30300-Religion of Ancient Greece (W)}

\section*{Pluralism and Diversity}

GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
prereq: ENGL 12000, CLA 10100 or 20100

3 hrs
3 cr .

\section*{CLA 30400 - Pagans and Christians (W)}

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .
HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

Asian Religions

\section*{REL 25100 - Asian Religions (W)}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr .
REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 32100 - Buddhism (W)}

Pluralism and Diversity
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

REL 33600-Zen (W)

Pluralism and Diversity
PD/A
GER
3/A

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds. prereq: ENGL 12000
3 hrs
3 cr .
PHILO 21900 - Chinese Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.
prereq: ENGL 10000 and one course in Philosophy
3 hrs
3 cr .

\section*{African, Afro-Caribbean and Afro-American Religions}

\section*{REL 25600 - Afro-Caribbean Religions (W)}
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Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

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An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 22000 - African Spirituality in the Diaspora}

Pluralism and Diversity
PD/A or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3 cr .

\section*{AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)}

Pluralism and Diversity
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

\section*{AFPRL 32300 - Islam and Christianity in Africa (W)}

\section*{GER}

3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

\section*{AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)}
```

Pluralism and Diversity
PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3cr.

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\section*{AFPRL 42000-The Black Church and Social Change}

\section*{GER}

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .

\section*{Abrahamic Religions}

\section*{REL 25300 - Abrahamic Religions (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25500 - Religions of Two Gods (W)}

Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{HEBR 24000 - Introduction to the Old Testament}
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Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

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Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

\section*{HEBR 25900 - Old Testament Religion}
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

\section*{HEBR 29200 - The Hebrew Prophets}
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr
HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr
HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B
The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

REL 33000-New Testament Religion (W)
```

Pluralism and Diversity
PD/D
GER
3/A
Scholarly consideration of religion of New Testament: the mystery of Jesus Christ, Paul's message, ethics, relation to the Law of Judaism, salvation theology, apocalyptic thinking.
prereq: ENGL 12000
3 hrs
cr.

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\section*{REL 32300 - Christianity (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
3 cr .

REL 33300 - Christian Theology (W)

Pluralism and Diversity
PD/D
GER
3/A

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 31400-Ancient and Medieval Christianity (W)}

Pluralism and Diversity
PD/D
GER
3/B
The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 31500 - Christianity in Modern Times

GER
3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.
3 hrs
3 cr.

\section*{HIST 31600-History of Religion in the United States}

\section*{GER}

3/B

Changing European churches and indigenous American sects; their architecture, leaders and ideas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 32400 - Islam and Buddhism (W)}

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 32600 - Religious Meanings of the Qur'ān (W)}

\section*{GER}

3/A
This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" ('Ulüm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility
(especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
3 cr.

\section*{REL 33700 - Sufism (W)}

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Tribal Religions}

REL 25400 - Tribal Religions: From Australia to the Americas (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .
Special Topics in Traditions

\section*{REL 26200 - Special Topics: Religious Traditions}

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.
3 hrs
3 cr .
REL 36200 - Special Topics: Religious Traditions

\section*{GER}

3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.

3 hrs
3 cr .

\section*{Independent Study}

\section*{REL 41000 - Independent Study in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.
May be taken a second or third time with another subject.
prereq: perm chair
hrs TBA
\(1-6 \mathrm{cr}\).

\section*{Honors}

To be eligible for honors classes a student must have the director's permission and at least a 3.5 GPA in the major and cumulatively. To qualify for departmental honors, a student must complete one of the honors courses with a grade of B or above, achieving a final GPA in Religion and cumulatively of at least 3.5.

\section*{REL 45000 - Honors Seminar in Religion}

Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.
prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director
3 hrs
3 cr .

\section*{REL 49000 - Honors Tutorial in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.
prereq: perm chair
hrs TBA
3-6 cr.

\section*{Minor in Religion}

The Minor in Religion consists of four courses for a total of 12 credits.

The following two courses are required:

\section*{REL 11000 - Nature of Religion (W)}

Hunter Core
Individual and Society (Humanities) -I\&S H
GER

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.

\section*{REL 11100 - Approaches to Religion (W)}

\section*{Hunter Core}

Individual and Society (I\&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr .
Also required for the Minor in Religion:
a) one course to be chosen from those listed under the category "Religious Traditions"; and
b) one course from the category "Issues in Religion" reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300 -level course.

\section*{Romance Languages}

\section*{About the Department}

Department Description

\section*{Foreign Language Requirement}

Appendix II: Foreign Language Requirement

\section*{Programs and Courses}

Programs and Courses in Romance Languages

\section*{Administration and Faculty}

Department Office:
1341 West
(212) 772-4760

Web site: http://www.hunter.cuny.edu/romancelanguages

\section*{Chair:}

Paolo Fasoli
1309 West
(212) 772-5129
pfasoli@hunter.cuny.edu

\section*{Faculty}

Romance Languages Faculty
HEGIS Code: 1102 (French); 1104 (Italian); 1105 (Spanish); 1101 (Romance Languages)

\section*{French - BA}

\section*{Major}

The French major provides two concentrations:
a. French Literature (30 cr)
b. French Language and Civilization

\section*{Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)}

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition (3 cr). The 23-credit pedagogical sequence in adolescent education will serve as the minor. See the Section XII: School of Education section of the catalog for further information.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.
The New York/Paris Exchange Program is open to students who wish to study a semester or a year at a French university in Paris. For the requirements and more details, contact Professor J. Przybos at (212) 772-5097. French in France is offered during June, July and August at Pau and Bayonne.

\section*{Minor in French (15 credits)}

\section*{a. French Literature and Culture}

This course of study provides the opportunity to deepen the knowledge of French language beyond the basic language sequence and to introduce students to French Culture trans-historically, in ways that could usefully complement a
major in another field in the humanities, where a broad knowledge of French history or culture could be useful (for instance in the Arts).

The prerequisite for this minor consists either of

\section*{FREN 20200 - Intermediate French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr .
-or-

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr.

For the minor, 3 language courses to be chosen from

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .
FREN 22000 - Advanced French Conversation
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
3 cr .
FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .
and 2 Culture and Civilization courses to be chosen from

\section*{FREN 33500 - French Culture I}

\section*{Pluralism and Diversity}

PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French. prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

\section*{FREN 33600 - French Culture II}
```

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3cr.

```

\section*{FREN 33700 - Contemporary French Culture}

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
\(3 c r\).

\section*{b. French Literature}

This course of study provides the opportunity to deepen the knowledge of French language beyond the basic language sequence through the analysis of French Literature. Among undergraduates potentially interested in this track are our native-speakers, or students with a francophone background, whose majors are in another, non-related, discipline.

The prerequisite for this minor consists of

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .
For the minor, students must first complete

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century
```

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3cr.

```

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period
```

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
cr.

```
and then choose 3 courses from the following:

\section*{FREN 34300-Medieval and Renaissance French Literature}

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .

FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

\section*{FREN 34600-18th Century French Literature}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).

FREN 34800-19th Century French Literature (1800-1850)
```

Pluralism and Diversity
PD/D
GER
3/A

```

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal,
Vigny.
FREN 34100 and 34200
3 hrs
3 cr .
FREN 34900-19th Century French Literature (1850-1900)
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de 1sle-Adam, Zola. prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 35000-20th Century French Literature (1900-1950)
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).
FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36200-The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
3 hrs
\(3 c r\).

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr .

\section*{FREN 36400 - The 19th Century: Special Topics}
```

Pluralism and Diversity
PD/D
GER
3/A

```
prereq: FREN 34100 and 34200
3 hrs
3 cr .

\section*{FREN 36500 - The 20th Century: Special Topics}
```

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3cr.

```

\section*{c. French Culture and Literature in Translation}

This course of study provides the opportunity to students with no knowledge of the French language to be introduced to French Culture \& Literature. This minor offers an interesting complement or context to studies in other fields (such as history, philosophy, political theory or women's studies) that have benefited, historically, from French influences.

The courses in this minor are to be chosen from a selection of 200-level courses, taught in English, such as

\section*{FREN 24100 - Early French Civilization: From Gothic to Revolution}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Conducted in English; readings in English.
3 hrs
3 cr .

FREN 24200 - Modern French Civilization: From Revolution to Present
```

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

```

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .

FREN 25100 - French Literature and the Arts

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr .

\section*{FREN 25200 - From Symbolism to Surrealism in French Literature}

GER
3/A

Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr.

FREN 25300 - Modern French Theatre: Theory and Practice

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3 cr .

\section*{FREN 25400 - Film and the French Novel}

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.

4 hrs
3 cr.

\section*{FREN 25500 - New Approaches to Modern French Literature}

\section*{GER}

3/A

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.
3 hrs
3 cr .

\section*{FREN 25600 - Dream and Image (W)}

GER
3/A

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
3 cr .

\section*{FREN 25700 - Literary Cross-Currents}

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
prereq: reading knowledge of French
3 hrs
3 cr.

\section*{FREN 25800 - French Poetry in Translation}

Conducted in English. Study of major themes, theories and texts from 16th century to contemporary period.
3 hrs
3 cr.

\section*{FREN 25900 - French Theatre in Translation}

Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.
3 hrs
3 cr.

FREN 26000 - French Novel in Translation (1600-1900)

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other
literary genres.
3 hrs
3 cr .

\section*{FREN 26100 - Modern French Novel in Translation (1900-Present)}
```

Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3cr.

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\section*{FREN 26200 - Perspectives on Women in French Literature}

Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr .

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{French Language and Civilization}

Return to: French - BA

A concentration in French language as well as in French and Francophone literature, culture and civilization. 12 credits from the language sequence (Group A); 0-9 credits from Group B (offered in English); and 9-18 credits from Group C (offered in French).

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{FREN 10100 - Elementary French I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
\(3 c r\).

\section*{FREN 10200 - Elementary French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

\section*{FREN 20100 - Intermediate French I}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr .

\section*{FREN 20200 - Intermediate French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr .
-or-

\section*{FREN 10300 - Intensive Elementary French}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr .

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

Major - 30 credits

\section*{Group A:}

\section*{FREN 22000 - Advanced French Conversation}
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

\section*{FREN 27500 - Introduction to French Literature}

\section*{Pluralism and Diversity}

PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

\section*{FREN 31100 - Advanced French Grammar}
prereq: FREN 20200
3 hrs
3 cr .

FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr.

\section*{FREN 32100 - French Translation}
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

\section*{Group B:}

\section*{FREN 24100 - Early French Civilization: From Gothic to Revolution}
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Conducted in English; readings in English.
3 hrs
3 cr .

\section*{FREN 24200 - Modern French Civilization: From Revolution to Present}
```

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .

```

FREN 25100 - French Literature and the Arts

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr .

FREN 25200 - From Symbolism to Surrealism in French Literature

GER
3/A

Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr .

\section*{FREN 25300 - Modern French Theatre: Theory and Practice}

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3 cr .
FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
3 cr .
FREN 25500 - New Approaches to Modern French Literature

\section*{GER}

3/A

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.
3 hrs
3 cr .
FREN 25600 - Dream and Image (W)

GER
3/A
Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
3 cr.

\section*{FREN 25700 - Literary Cross-Currents}

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
```

prereq: reading knowledge of French
3 hrs
3cr.

```

\section*{FREN 25800 - French Poetry in Translation}

Conducted in English. Study of major themes, theories and texts from 16th century to contemporary period.
3 hrs
3 cr .
FREN 25900 - French Theatre in Translation

Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.
3 hrs
3 cr .
FREN 26000 - French Novel in Translation (1600-1900)
```

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other
literary genres.
3 hrs
3cr.

```
FREN 26100 - Modern French Novel in Translation (1900-Present)
Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr .

\section*{FREN 26200 - Perspectives on Women in French Literature}

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
\(3 c r\).

\section*{Group C:}

\section*{FREN 33500 - French Culture I}
```

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3cr.

```

\section*{FREN 33600 - French Culture II}
```

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
cr.

```

FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .
FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century
```

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3cr.

```

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .
FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34600-18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
\(3 c r\).

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 35000-20th Century French Literature (1900-1950)
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35300 - Survey of Francophone Literature

GER
3/A
A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D

GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr .

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36500 - The 20th Century: Special Topics

\section*{Pluralism and Diversity}

GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

\section*{FREN 37500 - Seminar in French Literary History}
```

Pluralism and Diversity
PD/D
GER
3/A
Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3cr.

```

\section*{FREN 49100 - Honors Course in French}
```

Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3cr.

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FREN 49500 - Independent Study in French Literature
prereq: perm adviser
1-3 cr

\section*{Additional Information}

Within the Language and Civilization concentration, students may choose either FREN 24100 or FREN 33500 (but not both) and either FREN 24200 or FREN 33600 (but not both) to count towards the major.

\section*{French Literature (30 cr)}

Return to: French - BA
A concentration in French literature that emphasizes the study of literary works and criticism.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{FREN 10100 - Elementary French I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
\(3 c r\).

\section*{FREN 10200 - Elementary French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

\section*{FREN 20100 - Intermediate French I}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr .

\section*{FREN 20200 - Intermediate French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr .
-or-

\section*{FREN 10300 - Intensive Elementary French}

Equivalent to material covered in 10100 and 10200. Language lab mandatory. There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr .

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

Major - 30 credits

\section*{3 credits from}

\section*{FREN 31100 - Advanced French Grammar}
prereq: FREN 20200
3 hrs
3 cr .

FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

FREN 32100 - French Translation
prereq: FREN 20200 or equiv.
3 hrs
3 cr .
6 credits in

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
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3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
cr.

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FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

\section*{21 credits from}

\section*{FREN 33500 - French Culture I}

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

\section*{FREN 33600 - French Culture II}

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr .

\section*{FREN 33700 - Contemporary French Culture}

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D

GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .
FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).

\section*{FREN 34600-18th Century French Literature}

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .

FREN 34900-19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 35000-20th Century French Literature (1900-1950)
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35300 - Survey of Francophone Literature

GER
3/A
A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D

GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36300 - The 18th Century: Special Topics
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Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3cr.
FREN 36500 - The 20th Century: Special Topics
Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

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FREN 37500 - Seminar in French Literary History

Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr .

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr .

\section*{FREN 49500 - Independent Study in French Literature}
prereq: perm adviser
1-3 cr.

\section*{Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:}

FREN 39900 - Second Language Acquisition
prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr .
-or-

FREN 49500 - Independent Study in French Literature
prereq: perm adviser
1-3 cr.
-or-

\section*{SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12}
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The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

- SEDC 712 (see graduate catalog)

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\section*{Italian - BA}

Major

The Italian major provides two concentrations:
a. Italian Literature ( 30 cr )
b. Italian Language and Civilization ( 30 cr .)

\section*{Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)}

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition ( 3 cr ). The 23 -credit pedagogical sequence in adolescent education will serve as the minor. See the The School of Education section of the catalog for further information.

\section*{Minor in Italian (12 cr)}

Prerequisite for the minor

\section*{ITAL 20200 - Intermediate Italian II}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.
-or-

\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .
or placement test

The minor of 12 credits utilizes four existing courses, all taught in Italian.

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr.

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr .

\section*{ITAL 32100 - Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 311 or equiv.
3 hrs
3 cr.

\section*{ITAL 33100-Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 202 or equiv.
3 hrs
3 cr.

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.
Hunter in Italy: Summer Program in Pescara, June-July, at the University of Pescara; Italian Language courses and Italian literature and culture courses taught in English.

Winter Program Hunter in Florence, held during January intersession, offers courses and Italian Culture and Literature taught in English.

\section*{Italian Language and Civilization (30 cr.)}

\section*{Return to: Italian - BA}

A concentration on Italian language with an emphasis on oral and written communication.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ITAL 10100 - Elementary Italian I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{ITAL 10200 - Elementary Italian II}

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr .

\section*{ITAL 20100 - Intermediate Italian I}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr .
-or-

\section*{ITAL 10300 - Intensive Elementary Italian}

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
6 cr .

\section*{ITAL 20300 - Intensive Intermediate Italian}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major-30 credits}

\section*{15 credits from among}

\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr.

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr.

\section*{ITAL 32100 - Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 311 or equiv.
3 hrs
3 cr .
ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr .

\section*{ITAL 36500 - The 20th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .
15 credits from Group A (offered in English) and Group B (offered in Italian) with no more than 9 credits from Group A.

\section*{Group A:}

\section*{ITAL 26000 - Modern Italian Short Story (W)}

Pluralism and Diversity
PD/D
GER
2/C
In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ENGL 120 or equiv.
3 hrs
3 cr .

\section*{ITAL 27500 - Masterpieces of Italian Literature}

In English. Selections from Dante to Leopardi. Strongly recommended before taking any 300- level course. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 27600 - Dante's Divine Comedy in English (W)}

Pluralism and Diversity
PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{ITAL 28000 - The Italian Renaissance: An Introduction}

\author{
Hunter Core \\ Individual and Society \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C
}

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 33400 - Italian Civilization in the Baroque, in English}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 2/C}

An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation
3 hrs
3 cr .

\section*{ITAL 33500 - Italian Culture I}

\section*{GER}

2C

In English. Main intellectual-artistic currents from the 12th to 15th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .
ITAL 33600 - Italian Culture II

GER
2/C

In English. Main intellectual-artistic currents from the 16th to 20th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 120
3 hrs
3 cr .

\section*{ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English}

\section*{Pluralism and Diversity}

PD/C
GER
2/C

Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 33800-19th and 20th Century Italian Women Writers, in English}

\section*{Pluralism and Diversity}

PD/C
GER
3/A

Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Marghenta Guidacci, Maria Luisa Spaziani.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

Group B:
ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr .

\section*{ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present}
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Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3cr.

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\section*{ITAL 34300 - Dante's Vita Nuova and Inferno}
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Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
\(3 c r\).

\section*{ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso}
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Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .

\section*{ITAL 34500 - Dante's Paradiso and Major Prose Works}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34300

3 hrs
3 cr .

\section*{ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism}
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Pluralism and Diversity
PD/D
GER
3/A

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Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 34700-16th Century Italian Literature}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 34800-17th and 18th Century Literature}
Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 35000 - The Modern Italian Novel}

Pluralism and Diversity
PD/D
GER
3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35100 - The Modern Italian Theatre}

\section*{GER}

3/A

Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36000 - The Middle Ages: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36100 - The Renaissance: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
\(3 c r\).

\section*{ITAL 36200 - The 17th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
\(3 c r\).

\section*{ITAL 36300-The 18th Century: Special Topics}

\section*{GER \\ 3/A}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .
ITAL 36400 - The 19th Century: Special Topics

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .
ITAL 37000 - Italian Literature: Special Topics

\section*{GER}

3/A
Topics to be offered may include individual authors, themes, genres, movements, or approaches.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr .

\section*{ITAL 37500 - Seminar in Italian Literary History}

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34100, 34200
3 hrs
\(3 c r\).

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: perm dept. adviser
1-3 cr.

Return to: Italian - BA

A concentration on Italian literature with an emphasis on the study of literary history and texts. The majority of the courses are offered in Italian.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ITAL 10100 - Elementary Italian I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{ITAL 10200 - Elementary Italian II}

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr .

\section*{ITAL 20100 - Intermediate Italian I}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr.

\section*{ITAL 20200 - Intermediate Italian II}
```

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an
intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.
-or-

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\section*{ITAL 10300 - Intensive Elementary Italian}

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
6 cr .

\section*{ITAL 20300 - Intensive Intermediate Italian}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300
6 hrs
6 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major-30 credits}

\section*{3 credits from}

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr .

\section*{ITAL 33100 - Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr.

\section*{9 credits from}

ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200
3 hrs
3 cr .

\section*{ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present}
```

Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
cr.

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\section*{ITAL 34300 - Dante's Vita Nuova and Inferno}

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .
3 credits from

\section*{ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso}

Pluralism and Diversity
PD/D
GER
3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34300
3 hrs
3 cr .
-or-

\section*{ITAL 34500 - Dante's Paradiso and Major Prose Works}

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34300
3 hrs
3 cr .

\section*{15 credits chosen from}

ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism

Pluralism and Diversity
PD/D
GER
3/A

Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr.

\section*{ITAL 34700-16th Century Italian Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

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\section*{ITAL 34800-17th and 18th Century Literature}

Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr.

\section*{ITAL 34900 - The Modern Italian Lyric}

Pluralism and Diversity
PD/D
GER
3/A

From Leopardi to contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35000 - The Modern Italian Novel}

Pluralism and Diversity
PD/D
GER
3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35100 - The Modern Italian Theatre}

\section*{GER}

3/A
Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .
ITAL 36000 - The Middle Ages: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36100 - The Renaissance: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr.

\section*{ITAL 36200-The 17th Century: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36300-The 18th Century: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36400 - The 19th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36500 - The 20th Century: Special Topics}

\section*{GER \\ 3/A}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .
ITAL 37000 - Italian Literature: Special Topics

\section*{GER}

3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr .

\section*{ITAL 37500 - Seminar in Italian Literary History}

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34100, 34200
3 hrs
3 cr.

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: perm dept. adviser
1-3 cr.

\section*{Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:}

\section*{ITAL 39900 - Second Language Acquisition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
\(3 c r\).

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: perm dept. adviser
1-3 cr.

\section*{SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12}

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .
- SEDC 712 (see graduate catalog)

\section*{Major concentration in Spanish-English/English-Spanish translation and interpretation ( \(\mathbf{3 6} \mathbf{~ c r}\) )}

This program prepares students for careers in the growing translation field. Students take courses in Spanish language, literature and civilization in conjunction with specialized courses in translation/interpretation theory and practice. Allied courses in English and related fields of study are required and must be approved by the program adviser. Sufficient flexibility is built into the program so that students may tailor certain requirements to fit their individual needs and interests. An intensive internship in translation and/or interpretation serves as the student's capstone experience and preparation for future professional settings. Please see the department of Romance Languages for more details regarding this new and innovative program of study.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SPAN 10100 - Elementary Spanish I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .
SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish

3 hrs
3 cr .

\section*{SPAN 20100 - Intermediate Spanish I}
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Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
cr.

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\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .
-or-

\section*{SPAN 10300 - Intensive Elementary Spanish}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr .
SPAN 20300 - Intensive Intermediate Spanish

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr .
-and-

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.
-or-

\section*{SPAN 27000 - Spanish Composition for Spanish Speaking Students}
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prereq: SPAN 20800 or perm adviser
3 hrs
3cr.

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\section*{ENGL 12000 - Expository Writing}
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Hunter Core
English Comp (EC)
GER
1/A

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Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major Course Requirements (36 credits)}

\section*{1. Linguistic Structures and Advanced Writing (9 cr.)}

\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{SPAN 31300 - Spanish Stylistics}

Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.
prereq: ENGL 12000; SPAN 31100, 31200, 34100, 34200
3 hrs
3 cr .

\section*{2. Lexical and Cultural Enrichment (12 cr.)}
```

Pluralism and Diversity
PD/D
GER
3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors
and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3cr.

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\section*{SPAN 34200 - Introduction to Hispanic Literature II}

Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr .
Two courses in contemporary Spanish or Spanish-American theatre, narrative or essay above SPAN 34200, or from any of the following:

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}
```

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3cr.

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SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A

From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 35700 - Early 20th Century Spanish Literature
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Pluralism and Diversity
PD/D
GER
3/A
Presentation of the major writers and works of the first 40 years of 20th century Spanish literature
prereq: SPAN 34100
3 hrs
cr.

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\section*{SPAN 35800 - Post-Civil War Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36500 - Survey of Spanish-American Teatro}

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100

\section*{3 hrs}

3 cr .

\section*{SPAN 36600 - Contemporary Latin American Poetry}

\section*{GER}

3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36700 - Latin American Essay

\section*{GER}

3/A
Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36800 - Contemporary Latin American Narrative}

\section*{GER}

3/A
Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 37000 - Special Topics in Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A
May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .
SPAN 37100 - Special Topics in Spanish- American Literature

GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.

\section*{SPAN 37400 - Contemporary Literature and Film}

GER
3/A

Conducted in Spanish. Analysis of contemporary novels from Latin America and Spain and the films based upon them prereq: SPAN 34100 or instructor permission
3 hrs
3 cr .
or from Africana and Puerto Rican Studies (taught in Spanish)
-or-

One of the above plus one course in Spanish or Spanish-American culture

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER
3/A
Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{3. Translation and Interpretation (15 cr.)}

\section*{SPAN 38000 - Introduction to Translation and Interpretation Studies}

Provides an introduction to basic concepts and techniques of translation and interpretation and develops a systematic approach to resolving language transference problems.
prereq: SPAN 31100 and 31200
3 hrs
3 cr.

Two courses from:

\section*{SPAN 38100 - Translation from Spanish into English}

Develops proficiency in translating from Spanish into English. The student will work with a variety of general Spanish texts and develop skills for analyzing and rendering them accurately into English. In addition, s/he will examine the best ways to handle idiomatic expressions, tenses and other complex grammatical structures. S/he will become familiar with the relevant terminology and theoretical issues, as well as learn how to select and evaluate dictionaries and other research materials.
prereq: SPAN 38000
3 hrs
3 cr .

\section*{SPAN 38200 - Consecutive Interpretation Spanish-English/English-Spanish}

An overview of the principles of consecutive interpretation.
prereq: SPAN 38000
3 hrs
3 cr

\section*{SPAN 38300 - Translation from English into Spanish}

Reinforces the basic principles of translation taught in SPAN 3800 with more advanced texts, and adds a special emphasis on style and the specific demands of certain categories of texts, as well as theoretical discussion regarding choices in translation. prereq: SPAN 38000
3 hrs
3 cr.

\section*{SPAN 38400 - Simultaneous Interpretation Spanish-English}

Designed so that students may begin working directly on the skills, protocol and practice of simultaneous interpretation, analyze in detail its processes, and review the settings in which it is used.
prereq: SPAN 38000
3 hrs
3 cr .
one or more courses from SPAN 39000: (topics vary. See Schedule of classes for offerings)
SPAN 39000 - Translation and Interpretation for the Professions

This series of courses will focus each semester on a different professional area, such as legal, medical, business, technical-scientific, social, and literary translation.
prereq: varies by course
3 hrs
3 cr.
One or more courses from:

\section*{SPAN 39100 - Internship in Translation}

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship. It consists of 70 hours of practical work in translation for a financial institution, law firm, translation agency, the United Nations, or other organization. In addition, the student must attend regularly scheduled meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional translation.
prereq: SPAN 38100-38400, 39000
3 hrs
\(3 c r\).

\section*{SPAN 39200 - Internship in Interpretation}

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship to train them in real-world interpreting skills in the context of court interpreting, parliamentary procedure, diplomatic etiquette, conference organization, etc. This internship consists of 70 hours of practical work in interpretation as well as frequent meetings with the professor supervising the internship
in order to discuss issues and problems in the real world of professional interpretation.
prereq: SPAN 38100-38400, 39000
3 hrs
3 cr .

\section*{Allied Course Requirements (12 credits)}

\section*{1. At least two courses from among the following ( 6 cr .)}

\section*{ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods}

Additional practice in expository writing; small classes (8-10).
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ENGL 21800 - Advanced Expository Writing}

Frequent writing practice, with emphasis on clarity, style and organization.
prereq: ENGL 12000
3 hrs + conf
3 cr.

\section*{ENGL 30100 - Theory and Practice of Expository Writing}

\section*{GER}

3/A
Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 30800 - Workshop in Non-Fiction I}

\section*{GER}

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr .

\section*{ENGL 30900 - Workshop in Non-Fiction II}

\section*{GER}

3/A
A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
3 cr .

\section*{ENGL 33100 - The Structure of Modern English}

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .

\section*{2. Choose either Option A -or- Option B}

Option A: Two courses in contemporary US literature written in English from the following courses ( 6 cr .)

\section*{ENGL 32000 - Multi-Ethnic American Literature (W)}
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Pluralism and Diversity
PD/B

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GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 32100 - Topics in African American Literature}

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 37700-20th and 21st Century American Fiction}

\section*{GER}

3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 37900-20th and 21st Century American Drama}

GER
3/A

Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{AFPRL 35600 - Latino Literature in English (W)}

Pluralism and Diversity
PD/B
GER
3/A
Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).

3 hrs
3 cr .

Option B: One courses from Option A above and one of the following courses (6 cr.)

\section*{ANTHC 15100 - Introduction to Linguistics}

\author{
Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B
}

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .

\section*{ANTHC 35100 - Language in Culture and Society}

GER
3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

\section*{ANTHC 35300 - Phonological Analysis and Theory}

\section*{GER}

3/B
Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr.

\section*{ANTHC 35400-Grammatical Analysis and Theory}

GER
3/B
Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

\section*{AFPRL 18100 - Language and Ethnic Identity}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS

\section*{ENGL 33200 - History of the English Language (W)}

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{MEDP 20100 - Reporting and Writing I (W)}

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDP 20200 - Reporting and Writing 2(W)}

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr .

\section*{THEA 16100 - Acting I: Basic Acting Techniques}

For intended majors and non-majors. Exploration of the fundamentals of acting technique throughexercises and improvisation.
coreq:
3 hrs
3 cr .

THEA 26100 - Acting II: American Realism

\section*{GER}

3/A
Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism. prereq: THEA 16100 or perm instr.
4 hrs
\(3 c r\).

THEA 26200 - Acting III: World Realism

GER
3/A

Continuation of scene study focusing on text analysis, personalization, objective and action using the world realistic repertory, such as the plays of Chekhov, Ibsen and Strindberg.
prereq: THEA 26100 or perm instr.
coreq: THEA 26300
4 hrs
3 cr.

\section*{Minor in French Culture and Literature in Translation}

This course of study provides the opportunity to students with no knowledge of the French language to be introduced to French Culture \& Literature. This minor offers an interesting complement or context to studies in other fields (such as history, philosophy, political theory or women's studies) that have benefited, historically, from French influences.

The courses in this minor are to be chosen from a selection of 200-level courses, taught in English, such as
FREN 24100 - Early French Civilization: From Gothic to Revolution
FREN 24200 - Modern French Civilization: From Revolution to Present
FREN 25100 - French Literature and the Arts
FREN 25200 - From Symbolism to Surrealism in French Literature
FREN 25300 - Modern French Theatre: Theory and Practice
FREN 25400 - Film and the French Novel
FREN 25500 - New Approaches to Modern French Literature
FREN 25600 - Dream and Image (W)
FREN 25700 - Literary Cross-Currents
FREN 25800 - French Poetry in Translation
FREN 25900 - French Theatre in Translation
FREN 26000 - French Novel in Translation (1600-1900)
FREN 26100 - Modern French Novel in Translation (1900-Present)
FREN 26200 - Perspectives on Women in French Literature

\section*{Minor in French Language \& Culture}

The French minor consists of 15 credits:

\section*{Prerequisite for the minor}

\section*{FREN 20200 - Intermediate French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.

\begin{abstract}
-or-
\end{abstract}

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
\(6 c r\).

\section*{3 language courses}
to be chosen from:

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .

FREN 22000 - Advanced French Conversation
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

\section*{FREN 31100 - Advanced French Grammar}
prereq: FREN 20200
3 hrs
3 cr .

FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

\section*{2 Culture \& Civilazation courses}
to be chosen from:

\section*{FREN 33500 - French Culture I}

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

\section*{FREN 33600 - French Culture II}

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr .

\section*{FREN 33700 - Contemporary French Culture}

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

\section*{Minor in French Literature}

\section*{The French Literature minor consists of \(\mathbf{1 5}\) credits:}

\section*{Prerequisite for the minor}

The prerequisite for the minor consists of:

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser

3 hrs
3 cr .

\section*{Requirements}

Students must first complete:
FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century
```

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3cr.
and

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FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
and then choose 3 courses from the following
FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .
FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

\section*{FREN 34600-18th Century French Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

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FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
\(3 c r\).
FREN 34900-19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de Isle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 35100 - Contemporary French Literature (1950-present)
```

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

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\section*{FREN 36000 - French Literature: Special Topics}

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr.
FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200

3 hrs
\(3 c r\).

\section*{FREN 36400 - The 19th Century: Special Topics}
```

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3cr.

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\section*{FREN 36500 - The 20th Century: Special Topics}

\section*{Pluralism and Diversity}

GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches. prereq: FREN 34100 and 34200
3 hrs
3 cr.

\section*{Minor in Italian}

\section*{Prerequisite for the minor}

\section*{ITAL 20200 - Intermediate Italian II}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr .
-or-

\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .
or placement test
- The minor of 12 credits utilizes four existing courses, all taught in Italian

\section*{ITAL 31100-Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr .

\section*{ITAL 32100 - Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 311 or equiv.
3 hrs
3 cr .

\section*{ITAL 33100-Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr.

\section*{Minor in Spanish}

The Spanish minor consists of 15 credits of courses that are taught entirely in Spanish and combines language, civilization, and literature.

\section*{- The prerequisite for a Spanish minor consists of either}

\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .
-or-

\section*{SPAN 20800 - Advanced Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr .
or equivalent proficiency

\section*{Minor in Spanish Cultures and Literatures}

The following courses are required for a minor in Spanish Cultures and Literatures:

\section*{Two language courses (6 credits)}
above the SPAN 20200 (non-heritage speakers) or SPAN 20800 (heritage speakers) level, at least one of which must be a 300-level course. Recommended courses are:

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr .

SPAN 22100 - Spanish for Oral Communication

Not for fluent Spanish speakers.
prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr .

\section*{SPAN 27000 - Spanish Composition for Spanish Speaking Students}
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr .

\section*{SPAN 31100-The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser

3 hrs
\(3 c r\).

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{One civilization course (3 credits)}
chosen from

\section*{SPAN 33500 - Spanish Civilization}
```

Pluralism and Diversity
PD/D
GER
3/A
Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .
-or-

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\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{Two literature courses (6 credits)}
on Spanish or Latin American literature. Recommended courses include:

\section*{SPAN 27500 - Readings in Modern Spanish Literature}

Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm

3 hrs
3 cr .

\section*{SPAN 27600 - Readings in Modern Spanish- American Literature}

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez. prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm. 3 hrs
3 cr .
Alternately, students may take 300-level Spanish and Latin American literature courses from the following list by special permission of adviser:

\section*{SPAN 34300 - Spanish Literature of the Middle Ages}
```

Pluralism and Diversity
PD/D
GER
3/A

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After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34500 - Spanish Drama of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34600 - Cervantes}

Pluralism and Diversity
PD/D
GER
3/A
Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34900 - Spanish Prose of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35000 - Spanish Poetry of the Golden Age}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}
```

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
cr.

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\section*{SPAN 35500 - Spanish Literature from Realism to World War I}
```

Pluralism and Diversity
PD/D
GER
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3cr.

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Pluralism and Diversity
PD/D
GER
3/A
Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
prereq: SPAN 34100
3 hrs
3cr.

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\section*{SPAN 35800 - Post-Civil War Spanish Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr.

```

SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36400 - Spanish-American Modernism and Post-modernism}
```

GER
3/A
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3cr.

```

\section*{SPAN 36500 - Survey of Spanish-American Teatro}

\section*{GER}

3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36600 - Contemporary Latin American Poetry

\section*{GER}

3/A
Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36700 - Latin American Essay

GER
3/A
Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A
Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 37000 - Special Topics in Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

\section*{Note:}

Students may use transfer credits and credits from the Hunter programs in Spain and Argentina up to a maximum of 6 credits. At least 9 credits of the minor must be completed in residence at Hunter.

\section*{Romance Languages - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. In the case of the major in Romance Languages, Foundational courses vary with the foreign languages selected for the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{Major (36 cr)}

Intended for students who want to specialize in two Romance languages.
- Required: 34100 and 34200 in each of two chosen languages ( 12 cr )
- and -
- 9 credits in advanced literature in each of the two languages ( 18 cr )
- 3 credits in culture or translation in each of the two languages ( 6 cr )

\section*{Minor (12 cr)}

Students majoring in one or more Romance languages take as a minor 12 credits in one field of study that leads to a BA degree, which must be approved by the departmental adviser.

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.

\section*{Spanish - BA}

\section*{Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)}

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition ( 3 cr ). The 23 -credit pedagogical sequence in adolescent education will serve as the minor. See the The School of Education section of the catalog for further information.

\section*{Major}

The Spanish major provides two concentrations:
a. Spanish Literature
b. Major concentration in Spanish-English/English-Spanish translation and interpretation ( 36 cr )

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Minor in Spanish}

\section*{1. Spanish Minor}

The Spanish minor consists of 15 credits of courses that are taught entirely in Spanish and combines language, civilization, and literature.

The prerequisite for a Spanish minor consists of either

\section*{SPAN 20200 - Intermediate Spanish II}
```

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3cr.
-or-

```

\section*{SPAN 20800 - Advanced Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.
or equivalent proficiency

\section*{2. Minor in Spanish Cultures and Literatures}

The following courses are required for a minor in Spanish Cultures and Literatures:

\section*{Two language courses}

Two language courses ( 6 credits) above the SPAN 20200 (non-heritage speakers) or SPAN 20800 (heritage speakers) level, at least one of which must be a 300 -level course. Recommended courses are:

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

\section*{SPAN 22100 - Spanish for Oral Communication}

Not for fluent Spanish speakers.
prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr .

SPAN 27000 - Spanish Composition for Spanish Speaking Students
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{One civilization course}

One civilization course ( 3 credits) chosen from

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER
3/A

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .
-or-

\section*{SPAN 33600 - Latin American Civilization}

GER
3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{Two literature courses}

Two literature courses ( 6 credits) on Spanish or Latin American literature. Recommended courses include:

\section*{SPAN 27500 - Readings in Modern Spanish Literature}
```

Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm
3 hrs
3cr.

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\section*{SPAN 27600 - Readings in Modern Spanish- American Literature}

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.
prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm.

3 hrs
3 cr .
Alternately, students may take 300-level Spanish and Latin American literature courses from the following list by special permission of adviser:

\section*{SPAN 34300 - Spanish Literature of the Middle Ages}

Pluralism and Diversity
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 34500 - Spanish Drama of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A
Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 34600-Cervantes

Pluralism and Diversity
PD/D
GER
3/A
Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 35000 - Spanish Poetry of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 35500 - Spanish Literature from Realism to World War I}

Pluralism and Diversity
PD/D
GER
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 35700 - Early 20th Century Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
prereq: SPAN 34100

3 hrs
3 cr .

\section*{SPAN 35800 - Post-Civil War Spanish Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political
context.
prereq: SPAN 34100
3 hrs
cr.

```
SPAN 36000 - Spanish-American Literature of the Colonial Period
GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

\section*{GER}

3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36600 - Contemporary Latin American Poetry}

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36700 - Latin American Essay}

GER
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 37000 - Special Topics in Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A
May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

\section*{Note:}

Students may use transfer credits and credits from the Hunter programs in Spain and Argentina up to a maximum of 6 credits. At least 9 credits of the minor must be completed in residence at Hunter.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.
Spanish in Spain is offered during June, July, or both months at the Universidad Antonio de Nebrija in Madrid. Spanish in Argentina is offered during the winter break in Mar del Plata (Argentina) at the Universidad Nacional de Mar del Plata.

\section*{Spanish Literature}
return to Section IX: Programs of Study
return to Spanish - BA

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SPAN 10100 - Elementary Spanish I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr .

\section*{SPAN 20100 - Intermediate Spanish I}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr .

\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr.
-or-

\section*{SPAN 10300 - Intensive Elementary Spanish}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr .

\section*{SPAN 20300 - Intensive Intermediate Spanish}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr.
-or-

\section*{SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Spanish for native speakers.
3 hrs
3 cr.

\section*{SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish}

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.

3 hrs
3 cr.

\section*{SPAN 20700 - Intermediate Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr .

\section*{SPAN 20800 - Advanced Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr .
-and-

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement
(CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

Major - 36 credits

\section*{1. Spanish Literature Courses (12 cr.)}

\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{SPAN 34100 - Introduction to Hispanic Literature I}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
```

prereq or coreq: SPAN 31100 or dept. perm

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3 hrs
\(3 c r\).

\section*{SPAN 34200 - Introduction to Hispanic Literature II}
```

Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3cr.

```

\section*{2. Literature before the 19th century (6 cr.)}
choose from:

\section*{SPAN 34300 - Spanish Literature of the Middle Ages}

Pluralism and Diversity
PD/D
GER
3/A
After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34500 - Spanish Drama of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34600 - Cervantes}

Pluralism and Diversity
PD/D
GER
3/A
Don Quijote.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 34900 - Spanish Prose of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35000 - Spanish Poetry of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100

3 hrs
3 cr .
3. Latin American literature (9 cr.)
choose from:
(At least 3 credits from this category must be in contemporary literature)
SPAN 36000 - Spanish-American Literature of the Colonial Period

\section*{GER}

3/A
Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36500 - Survey of Spanish-American Teatro}

GER
3/A
Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36600 - Contemporary Latin American Poetry}

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36700 - Latin American Essay}

\section*{GER}

3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36800 - Contemporary Latin American Narrative}

\section*{GER}

3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 37100 - Special Topics in Spanish- American Literature}

\section*{GER}

3/A
May be repeated with different topic. prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

\section*{4. One course chosen from the following (3 cr.)}

\section*{SPAN 33500 - Spanish Civilization}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly
recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
\(3 c r\).
-or-

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A
Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{5. Two additional courses chosen from the following ( 6 cr .)}

Students may choose the remaining 6 credits in any course in literature from Spain or Hispanic America numbered above 342. Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

\section*{SPAN 39900 - Second Language Acquisition}
prereq: at least three courses at the 300- level in the language; ENGL 12000
3 hrs
\(3 c r\).

\section*{SPAN 49500 - Independent Study in Hispanic Literature}

Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.

\section*{SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12}

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .
- SEDC 712 (see graduate catalog)

\section*{Sociology}

\section*{About the Department}

A major in sociology provides the undergraduate with the opportunity to gain a distinct intellectual perspective and a method of inquiry. By continually testing conventional wisdom against evidence, the study of sociology encourages the development of critical judgment. By routinely considering the matrix of social and cultural facts, such study can lead students to an understanding of the conditions under which social facts emerge, and the consequences they have for individuals, groups, societies and social institutions. It can also help students better understand their own roles in the array of social institutions in which they are entwined.

Our courses provide a foundation for the student who desires to pursue advanced graduate studies in sociology leading to teaching positions. The department offers a wide range of specialties offering students flexibility in their choice of PhD programs. A major in sociology also helps to prepare students for many careers: social research, marketing, media, and other fields in the private sectors, as well as law, civil service and public policy, social work, the health professions, personnel work and other human-service areas.

Majors are encouraged to develop skills in observation, interviewing, and other data-collection techniques; data processing; statistical and content analysis; and trend analysis - all marketable skills in many career lines.

\section*{Programs and Courses}

Programs and Courses in Sociology

\section*{Administration and Faculty}

\section*{Department Office:}

1622 West
(212) 772-5585
fax: (212) 772-5645
Web site: http://maxweber.hunter.cuny.edu/socio
Chair:
Lynn Chancer
1622A West
(212) 772-5635
lchancer@hunter.cuny.edu
Advising Office:
Mark Halling: Day Adviser
Michael Wood: Evening Adviser
1619 Hunter West
(212) 772-5576
Fax: (212) 772-5645
E-mail: socadvis@hunter.cuny.edu

\section*{Graduate Advising:}

\title{
Howard Lune \\ 1601 Hunter West \\ (212) 772-5641
}

\section*{Faculty}

Sociology Faculty

HEGIS Code: 2208

\section*{Minor in Sociology}

The minor in Sociology requires four courses with 12 credits which students have to pass with a GPA of at least 2.0. Students minoring in Sociology must take SOC 10100 - Introduction to Sociology, the prerequisite for all other sociology courses, SOC 22100 - Classical Sociological Theory and two additional courses selected from those offered on a regular basis. It is recommended but not required that one sociology course on the 300 or higher level be included.

\section*{Sociology}

\section*{BA in Sociology}

The department recommends a GPA of at least 2.3 when declaring the major. Prospective majors should also complete SOC 10100 Introduction to Sociology.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SOC 10100 - Introduction to Sociology}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a
student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:

\section*{Appendix I: Hunter Core Requirement}

In the case of Sociology, the course that meets CCC is:
\begin{tabular}{lll} 
Course & CUNY Common Core & \begin{tabular}{l} 
Foundational Or \\
Major
\end{tabular} \\
SOC & CUNY Common Core Individual and Society (Social Sciences) I\&S SS 1 & Foundational \\
\(\mathbf{1 0 1 0 0}\) & Course &
\end{tabular}

Please note that no more than two courses from any one department will count for the CUNY Common Core.

\section*{Major (27 credits)}

\section*{1. Required Courses (6 cr.)}

\section*{SOC 24000 - Introduction to Research Methods}

\section*{GER}

3/B
Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 24100 - Social Statistics}

GER
3/B
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
3 cr .
2. Sociological Theory (6 cr.)

SOC 22100-Classical Sociological Theory
```

Pluralism and Diversity
PD/D
GER
3/B

```

Classical theorists and their contributions.
prereq: SOC 10100

3 hrs
3 cr .

\section*{SOC 22300 - Current Sociological Theory}

\section*{GER}

3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .

\section*{3. Electives (15 cr.)}

Of the remaining 15 credits, at least 6 must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement.

\section*{SOC 33100 - Field Placement in Social Work Agencies}

GER
3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.
prereq: SOC 10100, perm instr.
8 hrs per week
3 cr.

\section*{SOC 33200 - Advanced Field Placement in Social Work Agencies}

GER
3/B

Supervised work in social service agency, weekly seminar, agency-based research project.
prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr.

\section*{SOC 37101 - Independent Study}

GER
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

GER
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr . each sem

\section*{SOC 47100 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 47200 - Honors/Independent Study}

\section*{GER}

3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 49800 - Internship}

\section*{GER}

3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.
prereq: SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty
hrs TBA
3-6 cr.

\section*{Areas of Concentration}

Students may design their own areas of concentration but they are not required to do so.

\section*{1. Urban Sociology \& Immigration}

\section*{SOC 21100 - Urban Sociology}

\section*{GER}

3/B
The relationships of space and society, with special attention to the nature and problems of urban life.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21700 - Race and Ethnicity}
```

Pluralism and Diversity
PD/B
GER
3/B
Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
prereq: SOC 10100
3 hrs
3cr.

```

\section*{SOC 30700 - Migration}
```

Pluralism and Diversity
PD/B
GER
3/B

```

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .
SOC 22507 Asians in the US
SOC 32500 Second Generation Asian Americans

\section*{2. Policy \& Institutions: Family, Education, Health \& Social Work}

\section*{SOC 20100-The Family}

Pluralism and Diversity
PD/C
GER
3/B
Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 20300 - Education}

GER
3/B
Education viewed cross-culturally and historically. Schools and colleges as social systems.
```

prereq: SOC 10100

```

3 hrs
3 cr .

\section*{SOC 23100 - Introduction to Social Work Profession}
```

GER
3/B
Introduction to and critical analysis of the social work profession in American society.
prereq: SOC 10100
3 hrs
3cr.

```

\section*{SOC 23500 - Community Organization and Action}

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .
SOC 23700 - Social Welfare Policy
GER
3/B

Development of welfare institutions. Consequences of welfare services for client and community.
prereq: SOC 10100
3 hrs
3 cr .
SOC 23900 - Child Welfare (W)
GER
3/B
Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

\section*{SOC 30100 - Medical Sociology}

GER
3/B
Social and cultural factors related to health. Organization of health care services, social structure of the hospital.
prereq: SOC 10100
3 hrs
\(3 c r\).

\section*{SOC 31500 - Work and Society (W)}

\section*{GER}

3/B
Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed WGSL 31500
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32100-Sociology of Organizations}

\section*{GER}

3/B
Organization, structure, and processes; relationship between individual and organization.
prereq: SOC 10100
3 hrs
\(3 c r\)

\section*{SOC 33000 - Children and Public Policy (W)}

\section*{GER}

3/B
Study of changes in children's lives, including family composition, parental work, child care, and poverty, as well as the day-to-day lives of children living in poverty and immigrant families. The historical evolution of public policies and current policy issues are studied as they relate to children, particularly education, income support, and health policies. International policy comparisons are highlighted
prereq: ENGL 12000
3 hrs
\(3 c r\).
SOC 325xx Food and Society

\section*{3. Comparative/Cross-Cultural/Global Studies}

\section*{SOC 20500 - Sociology of Religion}

GER
3/B
Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100

3 hrs
3 cr .

\section*{SOC 36100 - Development and Modernization (W)}
```

Pluralism and Diversity
PD/A
GER
3/B
Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

```

\section*{SOC 36200 - Sociology of Islam (W)}

\section*{GER}

3/B

Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36400 - Globalism and Nationalism}

\section*{GER}

3/B

This course covers the emergence, spread, and decline of global cultural identities and practices in individual nationstates. It further explores the origin, character, and vicissitudes of nationalism in the global area.
prereq: SOC 10100
3 hrs
3 cr

\section*{4. Culture, Media and Social Psychology}

\section*{SOC 20700 - Leisure, Recreation and Sports}

\section*{GER}

3/B

Role and social organization of leisure and recreation in traditional and modern society.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 25100 - Interpersonal Behavior}

\section*{GER}

3/B

Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3 cr .
SOC 25900 - Mass Media, Communication and Public Opinion (W)

GER
3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr .

\section*{SOC 31400 - Culture and Consumption}

GER
3/B
The structure and patterning of everyday life as concerned with material well-being. Symbolic and moral dimensions of food and living arrangements, as well as commerce and the marketplace.
prereq: SOC 10100
3 hrs
3 cr .

\section*{5. Research Methods, Demography, \& Applied Sociology}

\section*{SOC 23500 - Community Organization and Action}

GER
3/B
Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 24000 - Introduction to Research Methods}

GER
3/B
Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
```

3 hrs
3cr.

```

\section*{SOC 24100 - Social Statistics}

\section*{GER}

3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 30700 - Migration}

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

GER
3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .
SOC 31300 - Consumer Behavior

GER
3/B
Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32100 - Sociology of Organizations}

GER
3/B

Organization, structure, and processes; relationship between individual and organization.
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prereq: SOC 10100

```
3 hrs
3 cr

SOC 425xx Mapping Social Science Data
SOC 425xx Ethnographic Research \& Interviewing
SOC 425xx Research Design
SOC 425xx Statistics
SOC 42555 Focus Group Research
SOC 70900 Statistics (graduate course)
SOC 71600 - Workshop Information Technology (graduate course)
SOC 75200 - Focus Group Research

\section*{6. Crime, Law, \& Deviance}

\section*{SOC 32000 - Law, Society and Civil Rights}

\section*{GER}

3/B

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32200 - Drugs and Society}

\section*{GER}

3/B

The course focuses on the social, cultural and historical dimensions of drug use, and treats the causes and consequences of drug use and abuse as a social -rather than bio-physical phenomenon. Course topics may include: drug use as a universal phenomenon, regulatory issues related to drugs, especially in relation to race, class and subcultures; and drugs as a media phenomenon.
prereq: SOC 10100
3 hrs
3 cr
SOC 325xx Sociology of Crime and Punishment

\section*{7. Inequality and Social Movements: Gender, Race, Class, Sexualities}

\section*{SOC 21300 - Political Sociology}

\section*{GER}

3/B

Power, authority, political ideologies, and patterns of participation. Articulation and resolution of political issues in contemporary societies in the context of globalization.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21700 - Race and Ethnicity}
```

Pluralism and Diversity
PD/B
GER
3/B
Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
prereq: SOC 10100
3 hrs
3cr.

```

SOC 21800 - Social Inequality

\section*{GER}

3/B
Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .
SOC 21900 - American Society (W)

GER
3/B
Analysis of social structures and culture of the contemporary USA.
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

\section*{SOC 25700 - Sex and Gender Roles}

Pluralism and Diversity
PD/C
GER
3/B
Sex role differentiation: femininity, masculinity, marriage, child rearing. cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr .
SOC 30900 - Social Movements and Social Change (W)

GER
3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31700 - Class, Status, and Power}

\section*{GER}

3/B
Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr .

\section*{Independent Study}

These options allow students to initiate and carry out a course of study of their own choosing under the guidance of a full-time faculty sponsor. Students must have a written proposal and a general plan of study to submit to the potential faculty mentor.

Students may pursue independent study through

\section*{SOC 37101 - Independent Study}

\section*{GER}

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

\section*{SOC 37200 - Independent Study}

GER
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr . each sem
or

\section*{SOC 47100 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 47200 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{Honors}

In order to graduate with departmental honors in sociology, students must have a 3.0 GPA overall and a 3.5 GPA in sociology; at least 21 of the credits toward the major should have been courses taken at Hunter College.

Students must complete either an Honors Seminar
SOC 47300 - Honors Seminar

GER
3/B

Honors paper.
prereq: SOC 10100, perm instr.
3 cr. each sem
or an Honors Independent Study
SOC 47100 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr . each sem

SOC 47200 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{or a graduate course}

\section*{SOC 42500 - Seminar in Selected Problems of Sociology}

\section*{GER}

3/B

Advanced seminar: reading, discussion, and papers on significant problems in sociology and in applied social research; in most cases cross-listed with graduate social research course or seminar.
prereq: SOC 10100, perm instr.
3 hrs
3 cr

\section*{Additional Information}

Students whose GPAs are within this range are urged to consult their adviser before planning senior year programs of study, since honors seminars are generally offered only once per year, usually in the fall semester. In addition, students qualifying for departmental honors are eligible for membership in Alpha Kappa Delta, the International Sociology Honor Society. See adviser for more information.

\section*{Internships}

Provided students secure approval of a full-time faculty member, internships can be carried out for 3 to 6 credits in the areas of marketing, media, and politics, with other areas provided faculty supervision can be secured. Interested students must meet the requirements listed under the SOC 49800 entry.

\section*{Awards}

The Department of Sociology offers four prestigious awards to outstanding students in sociology and applied social research. Once a year at the end of the spring term the Benjamin Ringer Award, carrying a cash stipend of \(\$ 100\), is granted for the best undergraduate paper in the areas of ethnic and race relations. The endowed Rosalyn Tough Award is granted with a tuition remission to one outstanding sociology student. Two Suzanne Keller Awards with a stipend of \(\$ 250\) each are granted at the end of the academic year. One goes to the graduating sociology major with the best academic record. The second Keller award is given to the best BA/MS graduate entering the field of applied social research. For more information about the awards contact the departmental advisers.

\section*{Career Opportunities}

\section*{Applied Social Research}

Students interested in careers in research-related fields such as media and marketing research, policy analysis and evaluation, advertising, consumer behavior, and public opinion polling, as well as students who are contemplating
graduate studies in sociology, are encouraged to gain research experience through selected coursework and independent research carried out under faculty supervision.

In addition to the following, which are required for the major,

\section*{SOC 24000 - Introduction to Research Methods}

\section*{GER}

3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .
SOC 24100-Social Statistics

\section*{GER}

3/B
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory. prereq: SOC 10100
3 hrs
3 cr .

Select electives from the following:

\section*{SOC 25900 - Mass Media, Communication and Public Opinion (W)}

\section*{GER}

3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

\section*{GER}

3/B
Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .
SOC 31300 - Consumer Behavior

GER
3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr .

\section*{Additional Information}

The department has also participated in a number of programs that place qualified minority students in summer research internships at leading universities. See advisers for more information.

\section*{Social Work}

Students interested in careers in social work or other human services are strongly encouraged to consult the pre-social work adviser (Prof. Poppendieck, Room 1603 Hunter West, (212) 772-5583, jpoppend@hunter.cuny.edu). The presocial work advising office offers information about graduate study in social work as well as help with program planning.

\section*{Pre-social work}

Pre-social work students without work experience in the human services should plan to take the following courses that provide supervised field experience.

\section*{SOC 33100 - Field Placement in Social Work Agencies}

\section*{GER}

3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.
prereq: SOC 10100, perm instr.
8 hrs per week
3 cr .

\section*{SOC 33200 - Advanced Field Placement in Social Work Agencies}

\section*{GER}

3/B

Supervised work in social service agency, weekly seminar, agency-based research project. prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr. 8 hrs per week
3 cr .

Ideally, this coursework should be completed by the end of the junior year, and students must meet with the instructor in the previous semester to arrange a placement.

\section*{Directly related to social work}

While virtually all sociology courses are relevant to the practice of social work, several courses are directly related to social work

\section*{SOC 23100 - Introduction to Social Work Profession}

\section*{GER}

3/B
Introduction to and critical analysis of the social work profession in American society.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23500 - Community Organization and Action}

\section*{GER}

3/B
Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr.
SOC 23700 - Social Welfare Policy

GER
3/B
Development of welfare institutions. Consequences of welfare services for client and community.
prereq: SOC 10100
3 hrs
3 cr .
SOC 23900 - Child Welfare (W)

GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

\section*{Graduate Courses}

Qualified undergraduates seeking more advanced or specialized work may, with the permission of the instructor, be permitted to take graduate courses. Consult the graduate catalog for course listings.

\section*{Sociology Minor}

The minor in sociology consists of 12 cr , including
SOC 10100 Introduction to Sociology
SOC 22100 Classical Sociological Theory
and two additional Sociology electives. It is recommended that one of the electives be at the upper division level (i.e. 300 level)

\section*{Sociology/Social Research - Accelerated BA/MS}

\section*{Five-Year BA/MS Program}

For a limited number of qualified undergraduate students, the sociology department offers an accelerated five-year program leading to a BA in sociology and an MS in social research. The program requires a total of 145 credits of college work ( 100 undergraduate, 45 graduate). To get the maximum financial benefit from the BA/MS program, students should apply before the number of cumulative credits taken (including those being taken currently) exceeds 100 credits. All credits above 120 will be charged at the graduate tuition rates. The BA/MS program is a full-time program requiring 12 graduate credits per term.

In order to be admitted to the program, students must complete their basic requirements, including their major, pass an honors course or its equivalent (cross listed graduate course, honors independent study), have an overall GPA of 3.25 and meet other requirements of the MS program as outlined in the graduate catalog except for the GRE examination. BA/MS applicants should have no more than 100 credits completed before entering the program and can apply for fall or spring admission. After consulting with the undergraduate adviser to establish eligibility, students may apply to the Graduate Director. Applications require a cover letter/personal statement and include a copy of one's current transcript and two letters of recommendation.

Students are admitted to the BA/MS program at the end oft their junior year but must consult with the undergraduate advisor before they file the application.

\section*{Theatre}

\section*{About the Department}

Department Desciption

\section*{Programs and Courses}

Programs and Courses in Theatre

\section*{Administration and Faculty}

\section*{Department Office:}

522 North
(212) 772-5148

Web site: http://www.hunter.cuny.edu/theatre
Chair:
Claudia Orenstein
522A North
(212)-772-5149
corenste@hunter.cuny.edu
Undergraduate Adviser:
Judith Jablonka
520H North
(212)-772-4642
jjablonk@hunter.cuny.edu

Faculty

Theatre Faculty
HEGIS Code: 1007

\section*{Minor in Theatre}

A Minor in Theatre requires a minimum of 12 credits in the Department of Theatre at the 200-level or higher of which at least 3 credits must be at the 300 -level (these are usually at least 3 credits). Minors are required to take all necessary prerequisites for these courses. Minors have access to all courses offered by the Department of Theatre. Minors are encouraged to participate in departmental and student productions. Interested students must meet with the undergraduate advisor in the Department of Theatre to declare a minor and to define their course of study.

\section*{Theatre - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\author{
Hunter Core \\ English Comp (EC) \\ GER \\ 1/A
}

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express
themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
\(3 \mathrm{hrs}+\mathrm{conf}\)
3 cr .

\section*{THEA 10100 - Introduction to Theatre}

\section*{Hunter Core}

Creative Expression (CE)

\section*{GER}

2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant. 3 hrs
3 cr .

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major in Theatre (30 cr)}

Students must have earned at least 24 credits to declare a Theatre major.

\section*{THEA 21100 - World Theatre I (W)}

\author{
Hunter Core \\ Creative Expression (CE) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C
}

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

\section*{THEA 21200 - World Theatre II (W)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100

3 hrs
3 cr .

\section*{THEA 21300 - World Theatre III (W)}

\section*{Hunter Core \\ Creative Expression (CE) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C}

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
THEA 25100 - Theatre Production

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions
prereq: THEA 10100 or perm instr.
5 hrs
3 cr .

\section*{THEA 26100 - Acting II: American Realism}

GER
3/A

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism. prereq: THEA 16100 or perm instr.
4 hrs
3 cr.

THEA 32100 - Play Analysis (W)

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .

THEA 28100 - Visual Elements of Theatre

GER
3/A

Introduction to the theory and practice of various design elements and their contribution to theatrical production. Includes practical work on departmental productions.
prereq: THEA 10100
5 hrs
3 cr.
-or-

\section*{THEA 28500 - Design Concepts for Theatre, Film, and Television}

\section*{GER}

3/A

Theoretical and practical elements of design in theatre, film, and television. prereq: THEA 10100 or FILM 10100
3 hrs
3 cr .
- Electives chosen from 300-level courses 6 cr.
- 2 production crews (not-for-credit)
plus one course selected from the following:

THEA 38100-Scene Design I

GER
3/A

Theory and practice of scenic design for the stage. Includes practical work on departmental productions.
prereq: THEA 28100
5 hrs
3 cr.

\section*{THEA 38300 - Costume Design I}

GER
3/A

Theory and practice of costume design for the stage. Includes practical work on departmental producations.
prereq: THEA 28100
5 hrs
3 cr.

THEA 38400 - Stage Lighting Design

GER
3/A

Principles, techniques, and practice of lighting for theatre, emphasizing its contribution to dramatic interpretation.
prereq: THEA 28100
5 hrs
3 cr.

\section*{THEA 38500 - Production Design I for Theatre, Film, and Television}
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GER
3/A
Theory and practice in scenic design for theatre, film, and television.
prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3cr.

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THEA 38700 - Concepts of Light in Theatre, Film, and Television

GER
3/A
The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television: how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.
prereq: THEA 28100 or THEA 28500
3 hrs
3 cr .
Minor

Theatre majors may select a minor from any department or program in the college that offers a program of study leading to a BA degree. Students should consult the departmental adviser regarding appropriate minor choices.

\section*{Minor in Theatre}

A Minor in Theatre requires a minimum of 12 credits in the Department of Theatre at the 200 -level or higher of which at least 3 credits must be at the 300 -level (these are usually at least 3 credits). Minors are required to take all necessary prerequisites for these courses. Minors have access to all courses offered by the Department of Theatre. Minors are encouraged to participate in departmental and student productions. Interested students must meet with the undergraduate advisor in the Department of Theatre to declare a minor and to define their course of study.

\section*{Honors}

Open to any qualified junior or senior with a 3.5 GPA in Theatre and an overall minimum GPA of 2.7 and permission of the chair. Individual work under faculty supervision. Departmental honors granted at graduation.

\section*{Thomas Hunter Honors Program}

\section*{Thomas Hunter Honors Program}

The interdisciplinary Thomas Hunter Honors Program provides some outstanding undergraduate students with a course of study suited to their individual needs and interests. Students selected for the Thomas Hunter Honors Program must show evidence of high academic potential, interdisciplinary interests and intellectual curiosity, as well as the willingness to explore unfamiliar fields and to accept challenges.

Students may apply for admission to the program on their own or they may be invited to participate in recognition of their outstanding academic records. Many graduates of the Thomas Hunter Honors Program go on to PhD programs in the various arts and sciences, or to law, medical and other professional schools. Others choose careers in a wide variety of professional, artistic and business fields.

\section*{College Requirements}

The Thomas Hunter Honors Program requires that students maintain breadth in their programs, create a significant pattern of courses in at least two academic areas of investigation (Humanities and Arts, Social Sciences, Sciences and Mathematics), including at least one laboratory science course. All programs must be approved every semester by a Council adviser.

Students entering Hunter in fall 2013 or later, are required to complete the College's Common Core requirements. Note that all colloquia in the 200 or 300 series are "W" courses.

\section*{Courses}

\section*{Administration and Faculty}

\section*{Program Coordinator:}

Sarah R. Jeninsky
(212) 772-4127
thhp@hunter.cuny.edu

\section*{Program Office:}

1421 West
(212) 772-4127

Web site: http://hunter.cuny.edu/thhp

\section*{Faculty}

Thomas Hunter Honors Program Faculty

\section*{Thomas Hunter Honors Program}

\section*{Major}

Students in the Thomas Hunter Honors Program who wish to design an interdisciplinary major for themselves may do so in consultation with the appropriate Council adviser. The final transcript of such students designates the major as

\begin{abstract}
"Special Honors Curriculum." Most students in the Thomas Hunter Honors Program, however, elect to fulfill the requirements for one or more specific departmental majors. These students abide by departmental criteria for the major, and are expected to pursue departmental honors in their major. Their final transcript records the major as Special Honors Curriculum/Specific Department. Whatever their major concentration, all students in the Program must also successfully complete three special interdisciplinary honors colloquia (see further on) and maintain a cumulative grade point average of 3.5 or better until their final certification into the Program. Certification usually occurs in the student's junior year, when the Council, ruling on each case individually, decides that the student's continuing academic distinction, commitment to interdisciplinary work, and promise of future productivity warrant permanent membership in the Thomas Hunter Honors Program.

Thomas Hunter Honors Program students meet regularly in 200-level and 300-level colloquia, led by members of the Council on Honors and by other invited members of the faculty. Students take a minimum of three colloquia, one of which must be at the 200 -level, and one of which must be at the 300 -level. While the specific content of these courses varies from semester to semester, the underlying principles remain the same.
\end{abstract}

The 200-level colloquium is taught by one professor, often a member of the Council on Honors, who studies a specific theme using the materials and methodologies of at least two disciplines. Students may take more than one of these colloquia if they so desire, but at least one must be taken during their first year in the Program. The 300 -level honors colloquia are special seminars, usually conducted by two professors, devoted to topics lending themselves to broad interdisciplinary investigation. One of the required three colloquia must be a 300 -level.

The colloquia offer breadth of exposure, but, even more importantly, they seek to demonstrate how knowledge gained from a variety of disciplines can be related and integrated in an effort to understand complex processes and phenomena. In all colloquia, students write at least one major paper, in which they apply the methodology of the course to material of particular interest to them.

Upon completion of 90 credits, Thomas Hunter Honors students may also be admitted by the Council to Advanced Interdisciplinary Studies, with the opportunity of engaging in advanced independent study under the Council's supervision. A thesis or other appropriate report of the results of the student's research is presented to the Council.

\section*{Urban Policy and Planning}

\section*{About the Department}

Hunter College Urban Policy and Planning (UAP) is a department within the School of Arts \& Sciences at Hunter College. The department is home to the undergraduate Urban Studies major which prepares students for graduate study and careers in public service. UAP offers two graduate degrees, an accredited Master in Urban Planning and a Master of Science in Urban Policy and Leadership.

Since its creation by advocacy planner Paul Davidoff in 1965, the department has consistently upheld a vision of urban affairs and planning as a multi-disciplinary field. In keeping with this vision, the department's faculty members represent a wide range of disciplines including architecture, economics, political science, public policy, social work, urban planning, and public health. They collectively bring a wealth of academic and professional expertise to their teaching. The program also benefits greatly from a distinguished part-time faculty who bring practical experience and knowledge in both public and non-profit sectors into the classroom.

\section*{Urban Studies Major}

If you are fascinated with city life or have wondered why America is car dependent, New York housing is expensive, the number 6 train is always late and crowded, or how you can make your neighborhood better, then urban studies is the right choice as a major. Urban studies takes students on an amazing path of discovery of urban life, providing
answers about how cities function economically, socially, and politically. Going beyond the walls of Hunter, the curriculum also provides field-work experiences: an internship and studio class, which take students into neighborhoods to test what is learned in the classroom.

\section*{Preparation for Graduate Training and Employment}

Individuals with a bachelor's degree in urban studies have found work at real estate development firms, community non-profits, local government or social service agencies. Many urban studies majors go to graduate school, most often in urban planning. Others have pursued advanced degrees in law, social work, and public administration. The range of graduate school choice reflects the flexibility of the urban studies curriculum and its focus on a myriad of issues from a variety of perspectives. Urban studies graduates have completed Master's degrees at Harvard, Cornell, MIT, Rutgers, and other prestigious universities across the country.

\section*{Public Service Scholars}

The Public Service Scholar Program seeks to improve our cities and the lives of people by preparing talented students particularly women, minorities and immigrants for public service careers through internships with elected officials, government, and nonprofit organizations. The program runs for a full academic year and combines internship placements in the offices of senior officials and administrators with intensive seminars on public policy issues, social change, government and nonprofit organizations. The program is open to any Hunter College student, regardless of major, who has a minimum 3.0 GPA and who is within 45 credits of graduation at the beginning of the program in the fall semester. Admission of up to 24 students is competitive. Applications are accepted starting in November with a deadline of March 15th. Students accepted as Public Service Scholars receive 12 academic credits and a \(\$ 6,000\) stipend. Because women, minorities and immigrants have been traditionally underrepresented in public policy making and leadership positions, special efforts are taken to encourage them to apply for the program. Interested students should contact the Public Service Scholar Program, Room 1643 Hunter West, (212) 772-5599 or email ewalsh@hunter.cuny.edu.

\section*{Programs and Courses in Urban Affairs and Planning}

Programs and Courses in Urban Policy and Planning

\section*{Administration and Faculty}

\section*{Department Office:}

1611 Hunter West
(212) 772-5518
www.hunteruap.org

\section*{Chair:}

Professor Joseph P. Viteritti
1606 Hunter West
(212) 772-5597
jviter@hunter.cuny.edu

\section*{Faculty}

Urban Policy and Planning Faculty
HEGIS Code: 2214

\section*{Urban Studies - BA}

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major (30 credits)}

Urban studies majors must complete 30 credits of courses that provide a rigorous background that will make students competitive job seekers or graduate school applicants. The core includes an introductory course as well as classes about the city's physical structure, public polices and research methods, both qualitative and quantitative. The urban studies core provides a foundation for more advanced courses. In addition to the core and advanced courses, the major requires an internship, elective courses, and interdisciplinary set of classes from several social science disciplines, e.g., political science, history, and economics.

\section*{A. Urban Studies Core 15 cr}

\section*{URBS 10100 - Urban Life: Personal and Observational View (W)}

\author{
Hunter Core \\ Individual \& Society - Social Science I\&S SS \\ GER \\ 2/B
}

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr .

\section*{URBS 10200 - Structure of Urban Region (W)}

\author{
Hunter Core \\ Individual and Society Social Science (I\&S SS) \\ GER \\ 2/B
}

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr .

\section*{URBS 20100 - Urban Plans and Policies}

\section*{GER}

2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making. prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr.

\section*{URBS 31000 - Methods of Urban Research and Policy Analysis}

\section*{GER}

3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr .

\section*{URBS 31100-Quantitative Approaches to Urban Analysis}

\section*{GER}

3/B
A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.
prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.
3 hrs
3 cr .

\section*{B. Urban Studies Electives 6 cr}

Any two (2) 400-level courses in Urban Studies may fulfill this requirement

\section*{Examples:}

\section*{URBS 40100 - Managing Urban Physical Environment}

\section*{GER}

3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40200 - Urban Studies Studio}

\section*{GER}

3/B
This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40300 - Selected Topics in Urban Affairs}

\section*{GER}

3/B
Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
3 cr .

\section*{C. Fieldwork Component 3 cr}

\section*{URBS 40900 - Urban Studies Internship}

\section*{GER}

3/B
Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.
3 hrs
\(3 c r\).
D. Basic Social Science Component 6 cr

\section*{AFPRL 38400 - Poverty in Society (W)}

\section*{GER}

3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr .

\section*{AFPRL 42000 - The Black Church and Social Change}

\section*{GER}

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .

\section*{ECO 33000-Economic Development}

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr .

GEOG 22700 - Environmental Conservation: Urban Problems

GER
3/B

Covers topics related to environmental problems and their connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards. 3 hrs
3 cr .

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, \(\mathrm{Jr} / \mathrm{Sr}\) only
3 hrs
3 cr.

\section*{GEOG 35700 - Geography of New York City and Vicinity}

\section*{GER}

3/B
Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only.
prereq: GEOG 10100
3 hrs
3 cr .
Offered fall.

\section*{HIST 31700 - History of the American City}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/B}

History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{POLSC 21200 - Urban Politics (W)}

\section*{GER}

3/B
Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
SOC 21100 - Urban Sociology

GER
3/B

The relationships of space and society, with special attention to the nature and problems of urban life.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 21700 - Race and Ethnicity}

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21800-Social Inequality}

GER
3/B

Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23500 - Community Organization and Action}

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .

\section*{URBS 40100 - Managing Urban Physical Environment}

\section*{GER}

3/B
Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.

3 hrs
3 cr .

\section*{URBS 40200 - Urban Studies Studio}

\section*{GER}

3/B
This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.
prereq: URBS 20100 or perm instr.
3 hrs
\(3 c r\).

\section*{URBS 40300 - Selected Topics in Urban Affairs}

\section*{GER}

3/B
Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
\(3 c r\).

\section*{Additional Information}
*Students should consult with a program advisor to choose 6 credits ( 2 courses) of upper-level social science classes appropriate to students' interest. This component can also be met by another 300- or 400 -level urban-related course, if approved by the undergraduate advisor.

\section*{Departmental Honors: Eligibility Criteria}

Overall GPA: 3.2 and above
Major GPA: 3.5 and above

\section*{Graduate Courses}

The following graduate courses are open to senior urban studies majors. Other graduate-level courses may be taken by seniors with permission of the instructor:

URBP 70100 History and Theory of Urban Planning
URBG 70200 Structure of the Urban Region
In addition to these two courses, there are cross-listed classes, offered each semester, that are open to undergraduate students.

\section*{Women and Gender Studies}

\section*{About the Department}

The department of Women and Gender Studies focuses on the critical examination of gender, class, race, dis/ability, sexuality, and nationality as intersecting dynamics of social and identity formation. Our mission is to:
- Educate students about the principles, theories, and concrete applications of these critical analyses.
- Encourage students to examine the complex ways in which the social formations of sexuality, gender, race, class, national origin, dis/ability, and sexual orientation shape human experience and produce structures of power and inequality.
- Re-examine in curriculum and scholarship the historical record to make visible the experiences and contributions of disenfranchised groups across historical and social locations.
- Connect academic work with social and political realities outside the university; enhance students' understanding of and resistance to structures of inequalities; and link research, teaching/learning, and activism.
Through its broad interdisciplinary research and curriculum, the department of Women and Gender Studies promotes transformative practices in research, creative work, pedagogies, and local/global partnerships. Our faculty is an interdisciplinary group of scholars whose research, teaching and advocacy work focuses on the relationships between these forces, drawing from women, gender, and feminist studies; ethnic and critical race studies; LGBT and queer studies; disabilities studies; as well as the study of nationalism and class.

\section*{Programs and Courses}

Programs and Courses in Women and Gender Studies

\section*{Administration and Faculty}

\author{
Lisa Steadwell, Administrative Assistant \\ 1717 West \\ (212) 772-5680 \\ lsteadwe@hunter.cuny.edu \\ Web site: http://www.hunter.cuny.edu/wgs
}

\section*{Core Faculty}

Catherine Raissiguier, Professor, Chair and Adviser 1715 West
(212)-772-5509
catherine.raissiguier@hunter.cuny.edu
Jennifer Gaboury, Lecturer and Adviser
1716 West
212-396-6891
jgaboury@hunter.cuny.edu

\author{
Rupal Oza, Associate Professor \\ 1718 West \\ 212-650-3035 \\ rupal.oza@hunter.cuny.edu
}

\author{
Affiliated Faculty \\ Women and Gender Studies Faculty
}

HEGIS Code: 4903

\section*{Minor in Women and Gender Studies}

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000 ), Classics in Feminist Thought (WGS 20100), Transnational Feminisms (WGS 24400 ) and one elective course from one of the six areas of concentration.

WGS 10000 - Introduction to Gender and Sexuality Studies , must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400-Transnational Feminisms.

\section*{Women and Gender Studies - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major}

The Women and Gender Studies Program offers a 27-credit major. The 27 required credits are distributed as follows:
Core 12 cr

\section*{WGS 10000 - Introduction to Gender and Sexuality Studies}

\section*{Hunter Core}

Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr.

\section*{WGS 20100-Classics in Feminist Thought (W)}

\section*{Pluralism and Diversity}

PD/C
GER
3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr .

\section*{WGS 24400 - Transnational Feminisms}

\section*{Pluralism and Diversity}

PD/C
GER
3/A or B

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.
prereq: WGS 10000, ENGL 12000
3 hrs
3 cr .

\section*{WGS 31000 - Research Seminar: Feminist Theory and Methodology}

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.
Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar
prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher
3 hrs
3 cr .
spring semester

\section*{Area of Concentration - 9 Credits}

\section*{Students will choose one from among the \(\mathbf{6}\) areas of concentration listed as follows:}

Area of Concentration 1: Feminist Thought and Theory (WGST)
Area of Concentration 2: Sexualities (WGSS)
Area of Concentration 3: Gender \& Public Policy (WGSP)
Area of Concentration 4: Labor, Migration and Globalization (WGSL)
Area of Concentration 5: Women and Gender across Cultures (WGSC)
Area of Concentration 6: Gender, Literature and the Arts (WGSA)

\section*{Electives - 6 credits}

Students will be required to take two elective classes ( 6 credits). One ( 3 credits) of the two elective classes MUST be in a different Area of Concentration than their primary one. At least one of the classes in your Area of Concentration or an elective must be 300 level or above.

\section*{Minor in Women and Gender Studies - 12 credits}

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000 ), Classics in Feminist Thought (WGS 20100), Transnational Feminisms (WGS 24400 ) and one elective course from one of the six areas of concentration.

WGS 10000 - Introduction to Gender and Sexuality Studies , must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400 - Transnational Feminisms.

\section*{Research Seminar}

Majors may satisfy the Senior Seminar requirement of the major by enrolling in the Research Seminar (WGS 31000) This course serves as a capstone course in which WGS majors apply feminist theory and methodology to develop an original research project resulting in a substantial paper.

\section*{Honors}

In order to graduate with honors in Women and Gender Studies, a student must have a 3.5 GPA in the Women and Gender Studies major and a college-wide cumulative index of at least 3.0. Students should submit a 18-20 page paper written for any Women and Gender Studies 300 level class including but not limited to the Research Seminar (WGS 31000). The student must submit the paper by March 30 (for June graduation) and October 30 (for December graduation) to be considered for program honors. A faculty committee will read submitted papers and determine whether they merit honors.

\section*{Section XII: School of Education}

\section*{The School of Education}

School of Education programs at Hunter College prepare prospective teachers to serve as highly effective educators, and provide opportunities to work with children of diverse backgrounds, abilities, and interests within an array of educational settings in New York State.

A student who completes an undergraduate School of Education program fulfills the academic requirements for New York State Initial Certification. All students in an education major or minor at Hunter must also fulfill both the Hunter Core requirement and the requirements for a liberal arts or sciences major.

The School of Education is committed to the development of teacher candidates that will be both educators and lifelong students. Teacher preparation that focuses on the unique challenges of working in NYC public school classrooms is at the core of Hunter College's educational mission, and the School of Education is a place for aspiring teachers to learn their craft and contribute to the future through the classroom.

School of Education students are held to the highest professional and academic standards, and will be expected to:
- Learn deep and broad content knowledge across academic disciplines.
- Develop professional knowledge and academic skills.
- Learn the theory and practice of effective pedagogy.
- Understand the history, philosophy, psychology, and sociology of education that will inform their teaching. The School of Education also believes in preparing teacher candidates to work with a diverse student population in the modern classroom, and recognizes that learning takes place inside social and community networks that support student learning. Thus, our programs also provide teacher candidates with knowledge on how to:
- Manage their educational setting to provide effective instruction for all students.
- Design lessons and units of work for students and to adapt their instruction to students' prior knowledge and level of skill.
- Use research-based theories and methods of teaching students with special needs, including special education students and English language learners.
- Learn to create humane and ethical learning communities in which all students receive the support they need to achieve academically.
- Learn to communicate effectively with parents, families, community members, and other members of the school faculty and staff in order to provide this support.
- Master the use of technology as a tool for teaching.

Finally, becoming a Hunter College teacher candidate requires dedication to the continuous improvement of one's professional abilities. Our programs, therefore, ensure teacher candidates know how to:
- Reflect on teaching practice in order to strengthen work with students and grow as professionals.
- Gain expertise in analyzing and using assessments of student achievement to guide and inform instruction.

\section*{Admissions}
- Admission to Teacher Education Programs

\section*{Programs and Courses in Education}
- School of Education: Program List
- School of Education Course List

\section*{Academic Affairs and Policies}
- The Office of Academic and Student Affairs (OASA)
- School of Education Progress Standards
- New York State Certification
- Frankfort Center for Learning and Scholarly Technologies

\section*{Fieldwork \& Student Teaching}
- The Office of Clinical Experiences

\section*{Administration}
- School of Education: Administration

\section*{Departments Contact Information}
- School of Education: Department Information

\section*{Faculty}
- Faculty of the School of Education

\section*{Section XIII: Hunter-Bellevue School of Nursing \\ Hunter-Bellevue School of Nursing}

About the School
- Brief History
- Nursing: Brief School Description
- Programs Offered School of Nursing
- The Health Professions Education Center (HPEC)

\section*{Programs and Courses}
- Programs and Courses in Hunter-Bellevue School of Nursing

\section*{Admission Requirements (all Programs) and Policies}
- Admission Requirements (all Programs)
- Admission Requirements to Nursing Programs
- GPA Requirements for Nursing Programs
- Attendance Requirements for Nursing
- Grading Policy for Nursing Courses

\section*{Licensing and Accreditation}
- Accreditation
- Licensing

\section*{Administration and Faculty}
- Hunter-Bellevue School of Nursing Administration

\section*{Faculty}

Faculty of Hunter-Bellevue School of Nursing
HEGIS Codes: 1203 (Generic); 1203.10 (RN to BSN)

\section*{Section XIV: School of Urban Public Health}

\section*{School of Urban Public Health}

\section*{About the School of Urban Public Health}

Hunter College's School of Urban Public Health educates students to contribute to improving urban health by addressing problems such as HIV, substance abuse, asthma, obesity, under-nutrition, violence, heart disease and cancer. The school of offers undergraduate programs in community health and in nutrition.
students from both schools work closely with community organizations and health and social service agencies in East Harlem to strengthen existing and create new approaches to improving the well-being of East Harlem and other lowincome communities.

\section*{Undergraduate Programs}

\section*{1. Community Health}
- Community Health - BS
2. Nutrition and Food Science
- Nutrition and Food Science Program Description
- Nutrition and Food Science - BS
3. Accelerated BS/MS in Nutrition (DPD)
- Accelerated BS/MS in Nutrition (DPD) Program Description
- Accelerated BS/MS in Nutrition (DPD)

\section*{Full Program and Course List}
- Programs and Courses in Urban Public Health

\section*{Administration}

Silberman Campus
2180 Third Avenue (119th Street \& Third Avenue, 5th floor)
New York NY 10035
www.hunter.cuny.edu/uph

\section*{Campus Director}

Khursheed Navder, PhD, RDN, FAND
Room 502, (212) 396-7775
knavder@hunter.cuny.edu
For Information Contact:
Nzinga Ajani
212-396-7729
Silberman 5th fl, Dean's Suite -or-
http://nutrition@hunter.cuny.edu

\section*{Faculty}

Faculty of the School of Urban Public Health

\section*{Section XV: Silberman School of Social Work}

The Hunter College School of Social Work, founded in 1956, is the largest and oldest public graduate school of social work in New York City. The School's mission is to promote excellence in social work practice by preparing
knowledgeable, ethical, and highly competent social work leaders for a variety of professional roles and settings. Our pedagogy, scholarship, and service reflect social work's historic commitment to human rights, cultural complexity, and social and economic justice. Commensurate with the missions of our host institutions, the School promotes communityengaged and practice-based scholarship that pursues policy and practice solutions to real world problems, thereby reinforcing the strengths of people and the communities in which they live, in New York and other major urban areas.

\section*{Administration}

Silberman School of Social Work at Hunter College
2180 Third Avenue, New York, NY 10035 (119th Street \& 3rd Ave.)
Office of the Dean: (212) 396-7600
Acting Dean
Mary M. Cavanaugh

\section*{Programs}

Bachelor of Social Work (BSW)

\section*{Appendix I: Hunter Core Requirement}

\author{
The Hunter Core Requirement \\ (Effective Fall 2013)
}
(note: if you are a current Hunter student who started before fall 2013, see www.hunter.cuny.edu/academics/hunter-core-requirement for information concerning whether to "opt in" to the Hunter Core or continue with Hunter's Appendix III:General Education Requirements - GER)

\section*{INTRODUCTION}

All students who matriculate at Hunter College must fulfill the Hunter Core Requirement (Hunter Core, HCR). This is a set of courses Hunter College considers essential to the intellectual development of its undergraduates. The Hunter Core requirements and expectations are meant to support the professional and personal development of Hunter students, prepare them for advanced study, and enable them to become active participants in the world of ideas.

The Hunter Core provides students with opportunities to sharpen their essential academic skills in writing, mathematics, scientific reasoning, and critical thinking. The Hunter Core also introduces students to a spectrum of distinctive perspectives with which various academic disciplines view our world, its past, and its future.

The Hunter Core is distinguished by its emphasis on foreign language study and its encouragement of concentrated student achievement in a subject outside the student's first major. Hunter encourages all students to take an active role in planning their education, and to pursue and develop subjects of interest beyond what is required for their major.

\section*{HUNTER CORE}

The Hunter Core includes
1. The CUNY Common Core, comprising 30 credits;
2. The Hunter Focus comprising 12 credits.

CUNY Common Core (CCCR, 30 credits)

CUNY Common Core Requirement consists of designated courses in:
A. English Composition ( 6 credits \(=2\) courses)* EC
1. English Composition 1 - ENGL 12000 ( 3 credits)
2. English Composition 2 - ( 3 credits)

CUNY Common Core English Composition (EC) 2 courses
B. Math and Quantitative Reasoning MQR (3 credits) **

CUNY Common Core Math/Quantitative Reasoning (MQR) 1 Course
C. Life and Physical Sciences ( 3 credits) LPS **

CUNY Common Core Life and Physical Sciences (LPS) 1 Course
D. Scientific World SW (3 credits) **

CUNY Common Core Scientific World (SW) 1 Course
E. Creative Expression (3 credits)

CUNY Common Core Creative Expression (CE) 1 Course
F. U.S. Experience in its Diversity (3 credits)

CUNY Common Core US Experience in its Diversity (USED) 1 Course
G. World Cultures and Global Issues (3 credits)

CUNY Common Core World Cultures \& Global Issues (WCGI) 1 Course
H. Individual \& Society ( 6 credits - one course from each)

CUNY Common Core Individual and Society (Humanities) I\&S H 1 Course
CUNY Common Core Individual and Society (Social Sciences) I\&S SS 1 Course

Note: Students may take no more than two courses from one department or program to fulfill categories a. 2 (English Composition 2) through h.
See: CUNY Common Core by Department
*Students who receive an "exemption" for ENGL 12000 or for a course in English Comp 2 are deemed to have fulfilled English Composition 1 or 2, respectively.
**There are some courses in these categories that carry more than 3 credits (the "STEM variant" courses). Students who elect to take these courses may apply only three credits towards fulfilling the CUNY Common Core Requirement. - These courses, labeled STEM, may be found in three areas of the Common Core: CUNY Common Core Life and Physical Sciences (LPS) 1 Course, CUNY Common Core Math/Quantitative Reasoning (MQR) 1 Course , and CUNY Common Core Scientific World (SW) 1 Course. A particular STEM variant course may appear in more than one area of the Common Core. When this occurs, students may choose which area of the Common Core they want the course to fulfill. STEM variant courses may be more than three credits. In such cases, three credits will apply to fulfilling the Common Core; all of the course's credits will apply to the major.

Satisfying World Cultures and Global Issues: Students entering Hunter as freshmen will take an introductory languqage course for their World Cultures requirement. Exception: Students who do not need an introductory language course must take another course from the World Cultures category. Check your language status prior to registering for these courses.

\section*{The Hunter Focus}

Beyond the CUNY Common Core, Hunter requires students to complete 12 credits for the Hunter Focus. These credits are part of the CUNY College Option - an additional set of requirements in the baccalaureate programs that encourage students to delve more deeply in the specialties of the colleges. The Hunter focus emphasizes foreign language and concentrated study - two areas of study that highlight Hunter's current and historic focus on the liberal arts.

Hunter students are expected to attain fourth-semester proficiency in a foreign language, regardless of where the learning took place. After this goal has been met, students should begin concentrated study in an area outside of their first major. The composition of the Hunter Focus will vary depending on students' language proficiency at the time of matriculation. Students who have to take a beginning language course but have already fulfilled their World Cultures requirement with a different class may apply all 12 language credits to the Hunter Focus. Students in the Hunter College School of Nursing may fulfill their entire 12 credits of Hunter Focus by taking three "STEM variant" science courses in addition to the STEM courses used to fulfill the CUNY Common Core.

Hunter Focus in Foreign Language. The goal of the foreign language competency requirement is to help students attain cross-cultural knowledge and communicate in a language other than English. In studying foreign languages, their literatures and cultures, students acquire new perspectives on how people think, view the world, express themselves, and communicate with one another. Language study sensitizes students to the differences between their own culture and that of others, an important factor in an interconnected and interdependent world. Appendix II: Foreign Language Requirement

Students are required to complete up to 12 credits in a foreign language depending upon the student's language knowledge at the time of matriculation and a student's matriculation status. (See Considerations for Transfer Students below.) Students may apply only one course at each level (Elementary levels 1 and 2, Intermediate levels 3 and 4) toward the CUNY College Option. Intensive courses can be used to satisfy two levels.

It is strongly recommended that students complete their foreign language study as early as possible so they can benefit from it in their college career. Foreign Language courses should be taken in consecutive semesters because gaps in language study are undesirable.

Hunter Focus: Concentrated Study. This requirement encourages students to begin concentrated study outside of their major. Students who have gained fourth semester language proficiency should make progress toward a minor, second major, or certificate (they will not complete such a program within Concentrated Study, but take first steps towards it). The number of credit hours that must be completed in the Concentrated Study requirement depends on a student's entry status and achievements prior to entering Hunter and ranges from 0 to 12. (See Considerations for Transfer Students below.) It is necessary for a student to indicate a minor, second major or certificate program. Credit for Concentraed Study is granted only for courses completed within that same declared course of study.

\section*{CONCURRENT COURSE REQUIREMENTS}

Hunter College requires students to take some courses that are writing intensive and some that deal with issues of Pluralism and Diversity. These courses can be part of the Hunter Core Requirement (HCR) or any major or minor requirements, or electives.

\section*{List of Approved Courses for the Writing Requirement}

Courses for Pluralism and Diversity. This group of courses addresses topics that help students broaden their horizons and gain new perspectives. The Pluralism and Diversity courses are grouped into four categories (A, B, C and D) that focus on scholarship about major practical or theoretical issues that emerge from, are reflected in, or are principally derived from the historical conditions, perspectives, and/or intellectual traditions of:
A. Non-European societies, particularly those of Africa, Asia, Latin America, or those indigenous to the Americas
B. One or more of the following groups in the US: African Americans, Asian Americans, Latino Americans, and Native Americans,
C. Women and/or issues of gender or sexual orientation,
D. Europe, including ways in which pluralism and diversity have been addressed.

List of Approved Courses for the Pluralism and Diversity Requirement

\section*{CONSIDERATIONS FOR TRANSFER STUDENTS}
\(2^{\text {nd }}\) Degree Students. Students who have earned a baccalaureate degree from an accredited institution are exempt from the Hunter Core Requirement and all concurrent requirements.

CUNY Common Core. All CUNY transfer students retain completion of the CUNY Common Core requirements when transferring to Hunter College. Transfer students who have earned an AA/AS degree from an accredited institution and who matriculate in fall 2013 and after will have fulfilled the CUNY Common Core requirements by obtaining the AA/AS degree.

\section*{Hunter Focus}

All transfer students, including CUNY transfers, must complete the Hunter Focus. The number of credits required to complete the Hunter Focus varies with the number of credits transferred as indicated below:
- 12 credits of Hunter Focus for fewer than 30 credits transferred
- 9 credits of Hunter Focus for 30 or more credits transferred without an AA/AS degree*
- 6 credits of Hunter Focus for students with an AA/AS degree
*A transfer student who first matriculates in a baccalaureate program must complete 12 credits of Hunter Focus. The student can apply any "College Option" credits completed at a CUNY senior college toward the Hunter Focus.

Foreign Language. Hunter encourages all students to reach fourth-semester proficiency in a foreign language. If transfer students have not fulfilled the fourth-semester proficiency requirement, then students must apply the foreign language requirement towards the Hunter Focus.

Concentrated Study. Hunter encourages all students to delve deeply into another area in addition to their major by completing a minor, a second major, or a certificate program. Transfer students who have fulfilled the foreign language requirement should apply Hunter Focus courses towards a minor, second major or certificate program.

Writing Intensive. All students must take at least one course with a "W" designation from Hunter College. The number of " W " designated courses required are:
- 3 for students who transfer fewer than 31 credits
- 2 for students who transfer between 31-59 credits
- 1 for students who transfer 60 or more credits

Pluralism and Diversity. Transfer students must take courses in Pluralism and Diversity according to the schedule below:
- 4 courses for students who transfer fewer than 31 credits - one from each Group (A, B, C, and D).
- 2 courses for students who transfer 31 or more credits. These two courses must come from Groups A, B, or C and the two courses cannot come from the same Group.

\section*{Appendix II: Foreign Language Requirement}

\author{
Return to Appendix I: Hunter Core Requirement
}

List of Courses for the Hunter Focus in Foreign Language
Hunter College currently offers the following programs to meet the foreign language requirement:

Arabic (ARB), Chinese (CHIN), French (FREN), German (GRMN), Greek (GRK), Hebrew (HEBR), Italian (ITAL), Japanese (JPN), Latin (LAT), Polish (POL), Portuguese (PORT), Russian (RUSS), Spanish (SPAN), Swahili (SWA), Yoruba (YOR).

\section*{Course of Study:}

All students must demonstrate foreign language proficiency at the 12-credit level or its equivalent. In each language a required course sequence ( 12 credits) is offered: Elementary I and II ( 2 three-credit courses or 1 six-credit intensive course) and Intermediate I and II ( 2 three-credit courses or 1 six-credit intensive course). The Elementary three-credit courses are usually numbered 10100 and 10200 and the Intermediate three-credit courses are usually 20100 and 20200 (except that the Spanish for Native Speakers sequence is SPAN 10500, 10600, 20700, and 20800; intermediate Greek is GRK 11000 and GRK 20200 or 20300; intermediate Latin is LAT 11000 and LAT 20100, 20200, 20300, or 20400). The intensive six-credit courses are usually numbered 10300 and 20300 (except for: GRK 10700; and LAT 10700). Intensive courses are not offered in all languages. Students may earn credit for the first semester foreign language course (level 10100) without completing the second course, only once.

Partial Exemption: Students may be exempted from one or more classes towards the requirement of 4th-semester proficiency by virtue of taking an appropriate placement exam. Students who wish to continue studying a language they have previously learned elsewhere (in high school, while abroad, at home, etc.) must first take a placement exam with the appropriate foreign language department. The results of the placement may exempt students from having to take courses below the level at which they are placed.

Complete Exemption: Students may be exempted from having to take any classes towards the requirement of \(4^{\text {th }}-\) semester proficiency by virtue of:
1. Successful completion of high school courses. Students who have successfully completed 4 years of one foreign language in high school should apply for an exemption with the Coordinator of Academic Appeals; an official high school transcript is required. Students who have passed a language Advanced Placement Test of the College Board with a grade of 5, 4, or 3 should contact the Office of Admissions.
2. Passing at least one advanced college foreign language or literature course that has a \(4^{\text {th }}\)-semester level prerequisite in that language.
3. Competency demonstrated through a Hunter-approved proficiency examination. To arrange for an examination contact the appropriate department office; if the language in question is not taught at Hunter College contact the dean of the School of Arts \& Sciences.
4. Presentation of foreign secondary school documentation. Students who have graduated from a high school outside the United States in which the language of instruction was other than English may be exempted from the foreign language requirement upon presentation of a high school or secondary (equivalent) transcript and/or diploma.
5. Presentation of foreign university documentation. Students who present appropriate evidence that they have completed one or more semesters of full-time study at a college or university outside of the United States in which the language of instruction was other than English may be exempted from the foreign language requirement. Native speakers of English who participated in a study-abroad program or a program specifically designed for foreigners may be exempted from the foreign language requirement if they provide sufficient evidence of their proficiency in the foreign language.

Note: an exemption from a language requirement does not yield any credit unless the exemption is based on successful completion of college courses

Students entering Hunter College as freshmen will take an introductory language course for their World Cultures and Global Issues requirement. Remaining courses needed to attain fourth semester proficiency will be taken as part of the major.

\title{
Appendix III:General Education Requirements
}

\section*{Introduction}

\begin{abstract}
All undergraduate students who matriculated at Hunter College in fall 2001 through spring 2013 were required to fulfill the General Education Requirement (GER), a set of competencies, knowledge areas and perspectives that Hunter College considers essential to the intellectual development of its undergraduates. For students matriculating at Hunter College in fall of 2013 or later, the Appendix I: Hunter Core Requirement replaces the GER. Current Hunter students who started before fall 2013 can "opt in" to the Hunter Core or continue with the GER. See www.hunter.cuny.edu/academics/hunter-core-requirement for further information specific to your status.

The General Education Requirement is composed of the Core Requirement, consisting of designated courses at various academic levels and three graduation requirements: the Writing Requirement, the Foreign Language Requirement and the Pluralism and Diversity Requirement. Transfer students who have earned an AA/AS degree from a CUNY college and who matriculated in fall 2003 and after are exempt from the Core requirements of the GER, but must fulfill the three graduation requirements of Writing, Pluralism and Diversity and Foreign Language. Transfer students who have earned an AA/AS degree from a CUNY college and who matriculated between fall 2001 and summer 2003 are exempt from the Core Requirement and the Writing Requirement. Evaluated transfer credits sometimes can be used to fulfill the GER requirements. All transfer students should carefully check their evaluated courses against the GER. Students transferring from a CUNY school without an AA or AS degree should seek an adviser to help determine which courses they may use to satisfy Core requirements. For overlaps and restrictions on these different requirements and their relation to major and minor requirements, see the section below on Regulations for Core Requirement.
\end{abstract}

\section*{Summary}

The Core Requirement, composed of designated courses, is divided into three sequential Stages: 1-Academic Foundations; 2-Broad Exposure; and 3-Focused Exposure.

Stage 1 - Academic Foundations (Students should complete this stage within their first 30 credits.) The Academic Foundations Stage includes courses in mathematics, composition and history that provide students with the analytic, interpretive, communication and historical competencies and perspectives critical to academic success.

Stage 2 - Broad Exposure (Students should complete this stage within their first 45 credits.) The Broad Exposure Stage continues with courses in the social sciences, humanities, arts and natural sciences to introduce students to a broad range of disciplinary perspectives and areas of knowledge.

Stage 3 - Focused Exposure (Students should complete this stage within their first 60 credits.) This Stage requires students to select advanced courses outside their major (students with more than one major should see the Regulations for Core Requirement, below).

The Focused Exposure Stage includes courses in areas that the student has selected to study in greater depth, in the expectation that more advanced students should do more analysis and research.

\section*{Graduation Requirements:}
1. Writing Requirement The Writing Requirement ensures that all students have significant writing experiences. It is recommended that students fulfill the Writing Requirement early in their academic career in order to prepare effectively for advanced coursework. Courses that can be taken to fulfill the Writing Requirement carry the designation " W " in this catalog. The maximum number of writing intensive, W designated courses a student must take is 3 (see the section below on Writing Requirement). All W courses must be taken at Hunter. The W-designated courses (or specific sections thereof) are indicated in the Schedule of Classes each semester.

Note: Not all sections of a course are necessarily offered with significant writing. To satisfy the Writing Requirement a section designated as W in the "Schedule of Classes" must be taken.
2. Foreign Language Requirement The goal of this requirement is to provide facility in a language other than English and to enable students to access non-English literatures. In learning a foreign language and studying its literature and cultures, students acquire new perspectives on how people think, view the world, express themselves and communicate with one another. Language learning expands one's ability to create and discover new meaning in one's own language and culture. An awareness of contrasting cultural concepts sensitizes students to the differences between their own culture and others - increasingly important, as the communities of the world have become so interconnected and interdependent. This is a graduation requirement. The requirement of four semesters of language courses or an equivalent combination of college and high school courses is fulfilled only if all four semesters are completed in the same language.

All BA, BFA and BMus students must fulfill a graduation requirement of intermediate (fourth semester) foreign language proficiency. It is recommended that students begin the first two semesters of foreign language proficiency within their first 30 credits at Hunter. Although intermediate foreign language proficiency is required only by the time a student graduates, gaps in language instruction are very undesirable and it is strongly recommended that students complete all their foreign language requirements in consecutive semesters. Students in BS programs should check the requirements for their specific program. Students who change from a BS to a BA program must meet the foreign language requirement for the BA degree.
3. Pluralism and Diversity Requirement This requirement is composed of designated courses in four groups (A, B, C, D). A course can satisfy only one of these four groups, though it may also satisfy a requirement in the Core and in the minor and major.
The General Education Requirement is composed of a Core Requirement and Graduation Requirements in: Writing, Foreign Language, and Pluralism \& Diversity. Any number of courses from a major or minor may be used to satisfy the Pluralism and Diversity Requirement and the Writing Requirement.

Note: The list of courses satisfying the requirements is often updated. For the most recent list, please check the Registrar's Web site at: http://registrar.hunter.cuny.edu

\section*{Regulations for Core Requirement:}
1. A course may be used to satisfy only one Core Requirement.
2. No more than two courses per department or program may be applied to satisfy Core requirements. Exceptions to this are courses in Stage 1: Academic Foundations.*
3. All courses satisfying Core, Stage 2 Groups A through D must be from different departments or programs.*
4. Students may apply up to two courses from their major to satisfy Stage 1 and Stage 2 of the Core; only one of these is permitted to fulfill a Stage 1 requirement, and only one a Stage 2 requirement.

Note: Students who have declared two or more majors can use up to two courses from one of those majors to satisfy Stage 1 and Stage 2 of the Core. Only one of these is permitted to fulfill a Stage 1 requirement, and
only one a Stage 2 requirement. Courses from minors and any additional majors can be used without limit to satisfy Stages 1, 2, and 3 of the Core.
5. *All CUNY Macaulay Honors College (MHC) courses designated for the Core Requirement may be applied toward the Core Requirement.

\section*{Core Requirement}

\section*{Stage 1: Academic Foundations}

List of Approved Courses for GER Core Stage 1: Academic Foundations
This Stage involves basic academic skills needed for success in the liberal arts and sciences. Accordingly students should complete this Stage as early as possible, preferably within their first 30 credits at Hunter. Exemption may be granted on the basis of placement exams or other criteria as determined by the Hunter College Senate. Such exemptions do not yield credit unless they are based on the successful completion of college courses.

\section*{Group Credits Description}

\section*{English Composition}

A 3
This requirement introduces expository writing and academic discourse. Through reading, writing, and rewriting, students learn to generate, explore, and refine their own ideas, analyze and evaluate intellectual arguments, take positions and support them persuasively, and write with sound grammar, varied sentence structure, logic, and coherence.

\section*{Quantitative Reasoning}

The goal of this requirement is to develop competence in mathematical and quantitative B 3 reasoning, including the use of numerical and graphical data in making judgments on personal, professional, and public issues. Students who place out of MATH 125 are exempt from this requirement.

\section*{US History}

This requirement introduces portions of the history of the United States covering periods of time sufficiently long to reveal the historical dynamic and bring understanding of the historical C 3 contexts that have created our social and political institutions. It emphasizes the importance of the historical perspective and method, an understanding of how, where, and why change has occurred over time, and an awareness that the world we live in has been influenced by the past. HIST 151W, 152W, PLSC 110 W

Stage 2: Broad Exposure

List of Approved Courses for GER Core Stage 2: Broad Exposure
These courses should be completed within a student's first three semesters (full-time) or 45 credits (part-time) at Hunter.

\section*{Group Credits Description}

\section*{Survey of Literature Written in English}

This requirement is meant to increase students' understanding and appreciation of literature written in English. Courses emphasize close readings of representative texts chosen to familiarize student with various authors, periods, and genres - fiction, drama, and poetry - and to provide a firm foundation for further literary study. Written assignments include quizzes, papers, and a midterm and final exam.

\section*{Social Science: People and their Societies}

The goal of this requirement is to introduce students to the understanding of individual and collective human behavior.
B 6 Students should be aware of the geographic, political, social, economic, historical, and psychological effects on the human environment. By studying human relations and the human experience students should learn the methodologies as well as the nature, scope, and limits of specific disciplines in the social sciences.

\section*{Humanities: Cultures and Ideas: Literature, Philosophy, Classics}

This requirement is meant to introduce students to the human intellectual heritage, the wisdom, and the vision expected of well-educated members of the global human community. The study of texts, thoughts, cultures, and human values should nourish the mind and the spirit, inspiring an enduring love of learning. The humanities are strongly linked to other fields of higher education and are vital to the health of society.

\section*{Visual and Performing Arts: Media, Art, Dance, Film, Music, Theater}

This requirement is meant to introduce students to significant works of the creative imagination, familiarize them with a medium of creative expression, and enable them to actively participate in individual aesthetic and creative experiences. Through critical analysis, research, and direct involvement in creative work in a particular medium, students should develop an appreciation of the interrelations of intellectual and emotional responses to the arts and letters.

\section*{Natural Science: Two courses are required, one of which must include a laboratory component. These may be in the same discipline.}

The goal of this requirement is to introduce students to the concepts and ways of thinking of the natural sciences. The sciences have intrinsic intellectual value, pursuing basic questions about the workings of the universe and the world around us. Students should be conversant with the rapid pace of scientific advances and able to make informed decisions about scientific matters in the public domain.

\section*{Stage 3: Focused Exposure}

\section*{List of Approved Courses for GER Core Stage 3: Focused Exposure}

These courses are intended to give students the opportunity to study selected subjects outside their major department or program in greater depth than in Stage 2. Usually, these courses will be beyond the 100 level. Accordingly, it is strongly recommended that students take a first course in the same discipline. A student must take one course from Group A and one course from Group B in Stage 3.

\section*{Group Credits Description}

Humanities or Visual and Performing Arts One course beyond the introductory level is required, chosen from humanities or the visual or performing arts.

Social Sciences or Natural Sciences/Mathematics One course beyond the introductory level is required, chosen from social sciences or natural sciences/mathematics.

\section*{Graduation Requirements}

\section*{Writing Requirement}

\author{
List of Approved Courses for the Writing Requirement
}

Students matriculating with fewer than 31 credits must take three courses in significant writing - "W" designated courses - at Hunter College. Transfer students matriculating with 31 to 59 credits must take at least two "W" designated courses at Hunter College. Transfer students matriculating with 60 to 90 credits must take at least one "W" designated course at Hunter College. (ENGL 120 does not count as "W" designated course.)

Note: Specific sections of courses containing significant writing are listed with a \(W\) designation in the Schedule of Classes. Please note that not all sections of a course are necessarily offered with significant writing. To satisfy the Writing Requirement a section designated as \(W\) must be taken.

\section*{Foreign Language Requirement}

List of Courses for the Hunter Focus in Foreign Language
Hunter College currently offers the following programs to meet the foreign language requirement:
Chinese (CHIN), French (FREN), German (GRMN), Greek (GRK), Hebrew (HEBR), Italian (ITAL), Japanese (JPN), Latin (LAT), Polish (POL), Russian (RUSS), Spanish (SPAN), Swahili (SWA), Ukrainian (UKR), Yoruba (YOR).

\section*{Course of Study:}

All students must demonstrate foreign language proficiency at the 12 -credit level or its equivalent. In each language a required course sequence ( 12 credits) is offered: Elementary I and II (2 three-credit courses or 1 six-credit intensive course) and Intermediate I and II ( 2 three-credit courses or 1 six-credit intensive course). The Elementary three-credit courses are usually numbered 101 and 102 and the Intermediate three-credit courses are usually 201 and 202 (except that the Spanish for Native Speakers sequence is SPAN 105, 106, 207, and 208; intermediate Greek is GRK 110 and GRK 202 or 203; intermediate Latin is LAT 110 and LAT 201, 202, 203, or 204). The intensive six-credit courses are usually numbered 103 and 203 (except for: CHIN 107 and 207; GRK 107; and LAT 107). Intensive courses are not offered in all languages. The first semester of a four-course sequence will not be credited without successful completion of the second semester.

Exemption: Students may be exempted from part or all of the foreign language requirement by virtue of:
1. Successful completion of high school courses. Each year of language study completed in high school is equivalent to one semester ( 3 cr ) of the same language in college. The requirement of 4 semesters of language courses or an equivalent combination of college and high school courses is fulfilled only if all 4 semesters are completed in the same language. Students who have completed 4 years of one foreign language
in high school should apply for an exemption with the Coordinator of Academic Appeals; an official high school transcript is required. Students who have passed a language Advanced Placement Test of the College Board with a grade of 5,4 , or 3 should contact the Office of Admissions.
2. Passing at least one advanced college foreign language or literature course that has a \(4^{\text {th }}\) semester level prerequisite in that language.
3. Competency demonstrated through proficiency examinations. To arrange for an examination contact the appropriate department office; if the language in question is not taught at Hunter College contact the dean of the School of Arts \& Sciences.
4. Presentation of foreign secondary school documentation. Students who have graduated from a high school outside the United States in which the language of instruction was other than English may be exempted from the foreign language requirement upon presentation of a high school or secondary (equivalent) transcript.
5. Presentation of foreign university documentation. Students who present appropriate evidence that they have completed one or more semesters of full-time study at a college or university outside of the United States in which the language of instruction was other than English may be exempted from the foreign language requirement. Native speakers of English who participated in a study-abroad program or a program specifically designed for foreigners may be exempted from the foreign language requirement if they provide sufficient evidence of their proficiency in the foreign language.

Note: an exemption from a language requirement does not yield any credit unless the exemption is based on successful completion of college courses.

Placement: Students may begin a foreign language at Hunter College. Students who are not exempt from the foreign language requirement as described above should choose their language course as follows:
1. Students who have satisfactorily completed 3 years of study of one language in high school or have completed the college equivalent of the 3 rd level in a foreign language sequence should take the 4 th course in the required sequence.
2. Students who have satisfactorily completed 2 years of study of one language in high school or have completed the college equivalent of the second level in a foreign language sequence should take the 3rd and 4th courses in the required sequence.
3. Students who have satisfactorily completed 1 year of study of a language in high school or have completed the college equivalent of the 1 st level in a foreign language sequence should take the 2 nd , 3 rd and 4 th courses in the required sequence.
4. Students who are beginning the study of a foreign language should take all 12 credits of a course sequence.

\section*{Pluralism And Diversity Requirement}

List of Approved Courses for the Pluralism and Diversity Requirement
The growing interdependence of the world's political, economic, and cultural relations, along with the increasingly diverse character of the American citizenry in general and the students of Hunter College in particular, make it imperative that Hunter undergraduates be exposed to a wide range of intellectual traditions, perspectives, and concerns arising from all corners of the globe. The emergence of sizable bodies of scholarship in recent decades reflecting that
intellectual array makes it important for Hunter to present them as an integral part of the education of its undergraduates.

Accordingly, all students, including transfer students, who entered Hunter College in the fall 1993 semester or later are required to complete 12 credits in designated courses that address issues of pluralism and diversity before graduating from Hunter College. Students choose three credits from each of the four groups below. Work done at other colleges may be counted towards the pluralism and diversity requirement. When a student is given course equivalence for a course that counts towards pluralism and diversity, that student will also be deemed to have met the corresponding pluralism and diversity requirement except that or, BIOL 100/102 and BIOL 100/160, students must see the department to receive pluralism and diversity credit. All courses used to satisfy Pluralism and Diversity requirements may simultaneously meet a student's Core Requirement or the courses necessary for a major or minor area of study.

Note: While some courses may be listed in more than one group of the requirement, students will be able to apply such course to only one of the four areas.

\section*{Group Credits Group or Societal Focus}

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific, or social) that emerge from, are reflected in, A 3 or are principally derived from the historical conditions, perspectives, and/or intellectual traditions of non-European societies, particularly those of Africa, Asia, Latin America, or those indigenous to the Americas.

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific, or social) that emerge from, are reflected in, B 3 or are principally derived from the historical conditions, perspectives, immigrant experiences, and/or intellectual traditions of one or more of the following groups in the United States of America: African Americans, Asian Americans, Latino Americans, and Native Americans.

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, C 3 economic, geographic, literary, political, scientific, or social) that emerge from, are reflected in, or are principally derived from the historical conditions, perspectives, and/or intellectual traditions of women and/or issues of gender or sexual orientation.

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, D 3 economic, geographic, literary, political, scientific, or social) that emerge from, are reflected in, or are principally derived from the historical conditions, perspectives, and/or intellectual traditions of Europe, including the ways in which pluralism and diversity have been addressed.
* Groups designated by letters A, B, C, and D substitute for Groups originally called 1, 2, 3, and 4, respectively.

Note: SOC 101 has been withdrawn from Group A. This change has gone into effect for all students entering Hunter in fall 2001.

\section*{Appendix IV: Faculty}
1. Faculty of the School of Arts and Sciences
2. Faculty of Hunter-Bellevue School of Nursing
3. Faculty of the School of Urban Public Health
4. Faculty of the School of Education
5. BSW Faculty

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\section*{Archived Catalogs}

\section*{About Hunter College}

\author{
return to: Section I: Introduction
}

Hunter College is part of The City University of New York (CUNY), the nation's largest urban university. CUNY comprises 11 senior colleges, seven community colleges, a graduate school, a school of professional studies, a school of journalism, a school of public health, an honors college and a law school.

Known for its rich and academically rigorous environment, Hunter College takes pride in a curriculum as diverse and wideranging as its community. Hunter faculty and students come from virtually every nation and culture in the world, enriching the Hunter community and the city with their myriad perspectives and experiences. The college seeks to help its students broaden their outlook on the world, achieve success in their chosen professions and fulfill their personal, academic and civic potential.

Originally called The Normal College, the school was founded in 1870 by Thomas Hunter to educate young women who wished to be teachers. Today Hunter is a coeducational, fully accredited college with a large, distinguished faculty in the liberal arts and sciences and in its professional schools. Hunter offers both undergraduate and graduate degrees and enrolls more than 23,000 students, making it the largest senior college in CUNY.

The college consists of six schools: the School of Arts and Sciences, the School of Education, the Hunter-Bellevue School of Nursing, the School of Urban Public Health, the School of Health Professions and the Silberman School of Social Work. The schools offer more than 55 undergraduate programs, which lead to the degrees of bachelor of arts, bachelor of science, bachelor of fine arts, bachelor of music and now bachelor of social work as well as 14 dual bachelor's/master's programs and scores of graduate programs. Each program of study provides students with skills to attain competence in a specialized field and a foundation of general knowledge. The fields of concentration may be chosen from the general areas of the fine arts, the humanities, the language arts, the sciences, the social sciences and the
applied arts and sciences, as well as in professional areas in accounting, education, health sciences and nursing. A post-baccalaureate program in health careers preparation is available for students interested in taking coursework required for admission to schools of medicine, dentistry, nursing, veterinary science, etc.

Graduate students may matriculate in any one of over 70 master's degree programs in the School of Arts and Sciences, the School of Education, the School of Urban Public Health, the School of Health Professions, the Hunter-Bellevue School of Nursing and the Silberman School of Social Work. In addition, the graduate programs in teacher education and nursing include courses leading to post-master's certificates in several different areas. Details of the graduate programs are available in the graduate catalog catalog.hunter.cuny.edu/index.php, at the Hunter College Welcome Center (Room 100 North Building), in the offices of the deans of each area, in the Wexler Library and on the Web at www.hunter.cuny.edu.

The Hunter College Campus Schools are devoted to the education of gifted students who reside in New York City. Opportunities are provided for students to engage in critical thinking and creative endeavors in an atmosphere of intellectual inquiry. Educational research and teacher education projects are features of collaboration with the School of Education at Hunter College. The elementary school (K to Grade 6) and the high school (Grades 7-12) model different educational strategies and serve as demonstration schools for students and teachers. For additional information, contact Dean Ketchum, Director, at (212) 860-1291 or by e-mail at dk657@hccs.cuny.edu.

Manhattan Hunter Science High Schoo is a science-focused early college high school funded in part by the Gates Foundation. It is a joint venture of Hunter and the New York City Department of Education. Students take college courses at Hunter during their junior and senior years. Many will pursue baccalaureate studies at Hunter and other City University colleges.

\section*{Absence of Instructor}

If a class finds that the instructor is still absent after 10 minutes of the period has elapsed, a representative should be sent to the appropriate department office for instructions. The class should remain until the representative returns.

\section*{Academic and Student Services Silberman Building (SB), Third Floor}
\begin{tabular}{|l|}
\hline Meg Krudysz, PhD \\
Director of Student and Academic Services \\
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Attiqa Mirza, MPA \\ Data, Student \& Alumni Coordinator/Data Manager 3rd Floor, (212) 396-7734 \\ Larisa Naftaliyev, BS \\ IT Specialist/Database Manager \\ 3rd Floor, (212) 396-7631 \\ nnaftali@hunter.cuny.edu \\ Kim McFarlane, BBA \\ Administrative Specialist \\ Office of Assistant Dean of Students \\ Third floor Silberman, (212) 396-7722 \\ kim.mcfarlane@sph.cuny.edu
}

\section*{Academic Calendar and Sessions}

The fall semester starts approximately August 26, the spring semester starts approximately January 27 and two summer sessions of six weeks begin in June and mid-July. Consult the Academic Calendar at http://www.hunter.cuny.edu/onestop/calendars/academic-calendars for specific starting dates. Courses are offered from early morning to late evening each semester and in the summer. Students are expected to attend both the fall and spring semesters; students who do not must apply for readmission.

Attendance in the summer program is optional. Students who receive financial aid under the New York State Tuition Assistance Program (TAP) should realize that these awards are available for no more than a total of eight semesters (ten for SEEK). TAP assistance for a summer session will count as one-half a semester; the other half may be used only in a subsequent summer session.

\section*{Academic Honors}

Dean's List At the end of each fall and spring semester the Dean of Students recognizes matriculated students with excellent academic records. The criteria for inclusion on the Dean's List are: a grade point average of 3.5 or higher with traditional letter grades ( \(\mathrm{A}, \mathrm{B}\) or C ) in courses other than ESL basic skills courses in reading and writing. If ESL basic skills courses are taken, those grades will be excluded. No grades of D, F, NC, IN or WU are allowed in any course completed or attempted. Full-time students must complete 12 credits or more in one semester; part-time students must complete 6-11 \(1 / 2\) credits in two consecutive semesters.

Graduation with General College Honors A student who has completed 60 credits of traditional letter grades at Hunter College may be considered for graduation honors. Students with a cumulative GPA of 3.900 or higher will be graduated Summa Cum Laude. Students with a GPA from 3.750 to 3.899 will be graduated Magna Cum Laude. Students with a GPA from 3.500 to 3.749 will be graduated Cum Laude.

Graduation with Departmental Honors On recommendation of any department or interdepartmental field, students with at least 24 credits in the department or field may be graduated "With Honors" in that department or field, provided they graduate in the term for which they file for honors. Of these credits, 21 (or, in exceptional cases, 18) must be taken at Hunter. Students who participate in the Study Abroad Program or the Exchange Program within the United States may be considered for departmental honors even if they have earned fewer than 18 credits at Hunter in courses approved for the major. Students are eligible for departmental honors if their GPA in the major or field is not less than 3.5. The student must also elect at least 2 credits (but no more than 6 credits) in honors courses offered in that department and present to the department's Committee on Honors a piece of independent work. Honors courses include seminar, laboratory, reading and tutorial courses and independent study projects established for the instruction of honors students.

\section*{Academic Integrity}

CUNY Policy on Academic Integrity
Hunter College's Policy on Academic Integrity

\section*{Academic Preparation}

The best preparation for success at Hunter College is a full program of college-preparatory courses. The college recommends four years of English, four years of social studies, three years of mathematics, two years of foreign language, two years of laboratory science and one year of performing or visual arts.

In addition to providing a strong foundation for college-level coursework, the program recommended above fulfills the 16 units of high school work in academic courses required for admission to a CUNY senior college under the College Preparatory Initiative (CPI). High school students should check with guidance counselors to determine which courses
are considered to be academically within the English, mathematics, science, social science, foreign language and fine and performing arts curricula. Freshman admission to Hunter College is competitive. Applicants are considered for admission on the basis of the overall strength of their academic preparation, which includes SAT/ACT scores, high school academic average, the number of academic subjects and the distribution of those courses. A diploma from an accredited high school, an equivalency diploma or a United States Armed Forces diploma is also required for entrance to the college. Neither a high school certificate nor an IEP diploma is acceptable. For more information on how to prepare to apply to Hunter College, visit www.cuny.edu/prepare.

\section*{Accelerated Bachelor's/Master's Degrees}

\section*{Accelerated Bachelor's/Master's Degrees}

These programs enable highly qualified students to earn the bachelor's and master's degrees in a shorter period of time than is required for taking the degrees separately. The following programs are available.
- Accelerated BS/MS in Nutrition (DPD)
- Adolescent Biology, Grades 7-12 - BA/MA
- Adolescent Chemistry, Grades 7-12 - BA/MA
- Adolescent Earth Science, Grades 7-12 - BA/MA
- Adolescent Mathematics, Grades 7-12 - BA/MA
- Adolescent Physics, Grades 7-12 - BA/MA
- Anthropology - BA/MA
- Biological Sciences with Specialization in Biotechnology - Accelerated BA/MA
- Dance Pre-K - 12 - BA
- Economics - Accelerated BA/MA
- Five-Year BA/MA Program in Environmental Studies and Adolescent Education: Earth Science (Grade 712)
- Mathematics or Statistics and Applied Mathematics - BA/MA
- Mathematics Preparation for Adolescent Education (Grades 7-12) - BA/MA
- Medical Laboratory Sciences/Biological Sciences with Specialization in Biotechnology - BS/MA
- Music - BA/MA
- Music/Music Teacher Education Pre-K-12 - BA/MA
- Physics - BA/MA
- Sociology/Social Research - Accelerated BA/MS

\section*{Accelerated BS/MS in Nutrition (DPD) Program Description}

\begin{abstract}
This pathway is for NFS majors who are interested in completing their degree and then continuing at Hunter to obtain a master's degree and verification statement. Acceptance to the BS-MS accelerated track is a competitive option open only to Hunter College students in the NFS major. Students must complete the NFS major and academic requirements for their undergraduate degree in about 96 credits, must have an overall GPA of 3.5 and prerequisite GPA of 3.2 or better to be considered. However, a 3.5 GPA in and of itself does not guarantee admission.

This accelerated pathway provides the opportunity for undergraduate students to remain at Hunter for their graduate coursework and provides students the opportunity for academic acceleration to a graduate degree.
\end{abstract}

Since the MS-Nutrition curriculum meets the didactic program in dietetics (DPD) requirements established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), the credentialing arm of the Academy of

Nutrition and Dietetics (AND), it will qualify students from this BS/MS accelerated track to apply for Dietetic Internships and continue their professional preparation for the Registered Dietitian (RD) credential.

\section*{Access to College Files}

The Family Education Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include the right to inspect the student's education records; the right to request the amendment of the student's education records that the student believes are inaccurate or misleading; the right to consent to disclosure of personally identifiable information contained in the student's education records; and the right to request that certain information not be released without his or her prior written consent by filing a letter with the Office of the Registrar.

\section*{Accreditation}
return to: Section I: Introduction
The programs of Hunter College are registered by the Regents of the State of New York. The college is accredited by the Middle States Commission on Higher Education. Individual programs are recognized and accredited by their national bodies. These are: Council for the Accreditation of Educator Preparation; the Council on Social Work Education; the Commission of Collegiate Nursing Education of the American Association of Colleges of Nursing; the Planning Accreditation Board; the Council on Rehabilitation Education; the Council for Accreditation of Counseling and Related Educational Programs; the Council on Academic Accreditation of the American Speech-Language-Hearing Association; the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND); the American Physical Therapy Association.

\section*{Accreditation: Hunter Bellevue School of Nursing}

The Hunter-Bellevue School of Nursing Baccaluareate, Master's and Doctor of Nursing Practice programs are accredited by the Commission on Collegiate Nursing Education (CCNE) .

\title{
Administration of Hunter College of the City University of New York
}

\author{
return to: Section I: Introduction
}

President: Jennifer J. Raab, JD
Provost and Vice President for Academic Affairs (Acting): Lon S. Kaufman, PhD
Vice President for Student Affairs and Dean of Students: Eija Ayravainen, MA

Vice President and Chief Operating Officer (Acting): Robert Pignatello, MPA
Associate Provost and Assistant Vice President for Academic Affairs: James Llana, PhD
Acting Associate Provost for Student Success and Retention: Vanya Quiñones, PhD
Acting Associate Provost for Faculty Affairs and Research: Christa Acampora, PhD
Ruth and Harold Newman Dean of the School of Arts and Sciences: Andrew Polsky, PhD
Dean of the School of Education: Michael Middleton, PhD
Dean of the Silberman School of Social Work (Acting): Mary M. Cavanaugh, PhD
Interim Chief Librarian and Associate Dean: Claibourne Williams, MA, MS
Joan Grabe Dean of the Hunter-Bellevue School of Nursing: Gail McCain, PhD, RN
Dean for Diversity and Compliance: John Rose, JD
Acting Special Counsel to the President and Labor Designee: Laura Schachter Hertzog, JD

\section*{Admission Requirements (all Programs)}

Students are considered for admission to the Generic Program, Accelerated 2nd Degree and RN to BS programs for the fall semester only. Students are considered for admission to the generic program in the spring semester of their freshman year, after completing prerequisite course work and an application to the School of Nursing. An overall college GPA of 3.2 in addition to other requirements is the minimum requirement for consideration of an application. Only matriculated Hunter College students can apply to the Generic Program. Admission to the School of Nursing is competitive. Generic Program and Accelerated 2nd Degree Program students must be able to attend during the day and evening on a full-time basis, including weekends. All clinical assignments are made by the school faculty depending on site availability. RN Program students may attend during the day or evening, depending on scheduling of courses, on a full-or a part-time basis.

HBSON and Queensborough Community College have a collaborative agreement that grants early acceptance of AAS students into the RN to BS program. Students must complete their first semester of study at QCC with a grade of B or better in NU 101 and a GPA of 3.2 or better for early acceptance.

\section*{Admission Requirements to Nursing Programs}

\section*{Admission to Teacher Education Programs}

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

\section*{Admissions: How to Apply}

To apply to Hunter College, students must complete the CUNY undergraduate application, which is available online at www.cuny.edu/apply.

Freshmen and transfer students are encouraged to apply by February 1 for the fall semester and September 15 for the spring semester. Students should complete the online application and submit the application processing fee and all supporting documentation as early as possible to guarantee full consideration for admission and scholarship aid. To apply as a part-time student contact the Hunter College Welcome Center for an appropriate application.

\section*{Application Fees}
- \$65 freshman
- \(\$ 70\) transfer

\section*{Admissions: International Students Office}

For more information, contact the International Students Office, Hunter College, 695 Park Avenue, Room 1109 Hunter East, New York, NY 10065; telephone: (212) 772-4864; e-mail: intlss@hunter.cuny.edu. Policies governing the Office of Admissions and the International Students Office are based on policies and practices recommended by NAFSA, AACRAO and other educational organizations.

\section*{Adolescent Education}

Students who want to become teachers in secondary schools must complete the adolescent education sequence of 23 credits and may also have to take some liberal arts courses beyond those required for the Hunter Core Requirement. In order to be admitted to this program, students must apply to the School of Education. See School of Education for the admission process. The adolescent education program leads to initial NYS certification.

\section*{Advanced Placement}

Hunter accepts AP credits for scores of 4 or 5 on the AP exams. If students have taken Advanced Placement (AP) examinations sponsored by the Educational Testing Services (ETS), they must ask ETS to forward their official scores to Hunter. Hunter College code is \#2301. If they have also taken an AP exam but have not received their scores they can call 1.888.308.0013. Students need to score at least a 4 on the AP exam to earn credit and/or exemptions from requirements (some exams may require a 5 ).

\section*{Advanced Placement and College-Level Courses}

\author{
Students who have had an Advanced Placement (AP) course in secondary school and who pass the Advanced Placement Tests of the College Entrance Examination Board with grades of 5 or 4 (high honors or honors) are in most cases exempt from taking a corresponding course or equivalent requirement at Hunter
}

A maximum of 30 credits can be awarded by examination through the following programs; College Entrance Examination Board Advanced Placement (AP), College-level Examination Program (CLEP) and Regents College

Examinations (RCE). Certain academic departments may have restrictions on the award of credits by examination. Check with the department and see the Office of Undergraduate Admissions and Recruitment Web site for additional information.

Students who have completed college-level coursework offered by an accredited senior or community college while in high school will receive credit for courses in which grades of C or better are earned. Official college transcripts must be submitted to the Undergraduate Admissions and Recruitment Office for credit to be awarded.

\title{
Africana and Puerto Rican/Latino Studies
}

Return to the Faculty of the School of Arts and Sciences

\author{
Anthony Browne, Associate Professor and Chair, Africana and Puerto Rican/Latino Studies; BA Cornell, MA California (Los Angeles), MA, PhD Columbia \\ James Cantres, Assistant Professor, Africana and Puerto Rican/Latino Studies; BA Vassar; PhD New York University \\ Milagros Denis-Rosario, Associate Professor, Africana and Puerto Rican/Latino Studies; BA University of Puerto Rico, MPS Cornell, PhD Howard \\ Joanne Edey-Rhodes, Lecturer, Africana and Puerto Rican/Latino Studies; BA LIU; MA, MPhil Columbia \\ Veronica M. Gregg, Associate Professor, Africana and Puerto Rican/Latino Studies; BA West Indies, MA Queens (Canada), PhD Kent (UK) \\ Ehiedu Iweriebor, Professor, Africana and Puerto Rican/Latino Studies; BA, MA Ibadan (Nigeria), PhD Columbia \\ Edgardo L. Melèndez, Professor, Africana and Puerto Rican/Latino Studies; BA University of Puerto Rico, MPhil, PhD CUNY \\ Felix Matos-Rodriguez, Professor, Africana and Puerto Rican/Latino Studies; BA Yale, MA, PhD Columbia \\ Arlene Torres, Associate Professor, Africana and Latino/Puerto Rican Studies; BA Colgate, MA, PhD University of Illinois at Urbana-Champaign
}

\title{
Africana and Puerto Rican/Latino Studies Department Description
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\author{
Return to Africana and Puerto Rican/Latino Studies
}

The department of Africana and Puerto Rican/Latino Studies is comprised of Africana and Puerto Rican/Latino sequences. It offers an interdisciplinary course of study combining humanities and social sciences approaches devoted to scholarship on the historical, literary, political, cultural, social and economic experiences of these heritages. The Africana Sequence focuses on the experiences of people of African descent in the Americas, Africa and the broader Diaspora. The Puerto Rican/Latino Sequence focuses on the historical, social, literary, and political experiences of Puerto Ricans in the Island and the US, Latinos, the Dominican Republic, Cuba and their diasporas. Where applicable,
the similarities and common experiences of the sequences are emphasized.
The department's commitment to rigorous scholarship, student development and community empowerment prepares students for a broad range of careers in the public and private sector and for graduate study and research in the social sciences and humanities. The department has a long history of nurturing students' intellectual discipline, creativity, and social and political awareness. Graduates of the department have pursued careers in law, journalism, nursing, teaching, public policy, social work, media, politics, medicine, psychology and international affairs. The department's interdisciplinary structure offers students an opportunity to satisfy the increasing expectations of admissions committees and prospective employers for a broad liberal arts perspective that complements the specialized knowledge of a field.

\section*{Alumni Association}

1313B Hunter East; (212) 772-4087

The Alumni Association of Hunter College, composed of 85,000 women and men graduates of the college, has been in continuous existence since 1872. Membership is automatic upon graduation from any Hunter College degree program.

The Association provides opportunities for alumni to become actively involved in the life of the college and serves as the link between Hunter and its graduates. In addition to providing vital support for scholarships and academic programs, members participate in a variety of chapter and on-campus activities, including lectures, faculty round tables, workshops and book discussion groups.

Members can take advantage of campus facilities with the Alumni Card, which provides access to the college libraries, Sportsplex, instructional computing center, Chanin Language Center and career development services. Alumni can attend association meetings in January and May and stay informed about activities through the publication, At Hunter.

\section*{Anthropology}

Return to the Faculty of the School of Arts and Sciences

Andrea Baden, Assistant Professor; PhD, Stony Brook; Primate ecology, conservation; Madagascar
Jacqueline N. Brown, Associate Professor; PhD, Stanford; Diasporic Subjectivities, Race, Space and Place, Transnationalism and the Local, Black Identities, Britain

Leo Coleman, Associate Professor; PhD, Princeton; Political and Legal Anthropology, technology and culture, environment and energy politics, urbanism, infrastructure, comstitutionalism

Gerald W. Creed, Professor; PhD, CUNY; Political/Economic Anthropology, Eastern Europe, Families and Households, Rural Societies, Ritual; Joint Appointment with Graduate Center

Marc Edelman, Professor; PhD, Columbia; Political and Historical Anthropology, Latin America, Social Movements; Joint Appointment with Graduate Center

Judith Friedlander, Professor; PhD, Chicago; Ethnicity and Minority Cultures, Gender and Feminist Theory; Latin America, US, Europe

Christopher C. Gilbert, Associate Professor; PhD, Stony Brook; Primate Evolution, Human Evolution, Old World Monkeys, Phylogenetic Systematics, Biogeography, Ecomorphology, Morphometrics

David Hodges, Professor; PhD, NYU; U.S. Race Relations, Civil Rights, Human Rights, Application of Anthropology to Education, Prison Education and Prison Reform

Gregory A. Johnson, Professor; PhD, Michigan; Archaeology, Complex Societies, Middle East, Quantitative Analysis

Yukiko Koga, Assistant Professor; PhD, Columbia; China, Japan, Colonialism, Post-colonial theory, Memory
Thomas H. McGovern, Professor; PhD, Columbia; Archaeology, Paleoecology, Faunal Analysis, Norse and Inuit Cultures, Human Dimensions of Global Change

William J. Parry, Professor; PhD, Michigan; Southwest U.S., Mesoamerica, Lithic Analysis, Hunter-Gatherers
Herman Pontzer, Associate Professor; PhD, Harvard; Human Foragers, Energetics and Evolution of Bipedalism, Hominin Biomechanics

Jessica Rothman, Professor; PhD, Cornell; Primate Ecology and Behavior, Nutrition, Evolutionary Ecology, Tropical Forest Ecology, Africa

Jonathan Shannon, Professor and Department Chair; PhD, CUNY; Cultural Anthropology, Aesthetics, Ethnomusicology, The Middle East, Islamic Society

Michael Steiper, Professor; PhD, Harvard; Biological Anthropology, Molecular Evolution and Phylogenetics, Population Genetics, Primates

Ida Susser, Professor; PhD, Columbia; Medical Anthropology, Contemporary U.S., Urban, Political Economy, Gender, South Africa

Christina Zarcadoolas; Professor, Brown University; Linguistics, Public Health
Return to Anthropology

\section*{Anthropology Department Description}

\author{
Return to Anthropology Department
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Anthropology is the study of humanity in all its cultural and biological diversity. In the United States, the discipline traditionally includes four fields: archaeological, biological, sociocultural, and linguistic anthropology, although research increasingly examines questions at the borders of the fields or which span more than one field. The department maintains a commitment to a four-field approach to undergraduate training despite a national trend towards increasing specialization at earlier stages. Anthropology provides essential foundations and perspectives for the study of the social and natural sciences and the humanities, as well as for applied professions such as education, public health, and social work. The Anthropology curriculum emphasizes original research, scholarly writing, informed critical thinking, and the understanding of, and tolerance for diverse cultures and ways of life.

The faculty is actively involved in interdisciplinary teaching, interdepartmental collaborative efforts, and individual and team research projects, including many that involve new information technologies, cultural resource management, environmental impact assessment, ethnicity and gender, regional and area studies, and economic development- to name a few. Biological anthropology and archeology host state-of-the art research labs that support student training and research. International field sites are also available for student research. The Department is also committed to involving undergraduate students in ongoing faculty-supported research, and in encouraging independent student-initiated research projects.

Courses and faculty in the Anthropology Department are part of the new undergraduate Human Biology - BA major, which emphasizes the study of humans in a multidisciplinary framework using behavioral, cultural, social and biological approaches.

\section*{Appeals - Rules and Regulations}

Please note that all appeals for exceptions and/or substitutions to the General Education Requirements, Hunter Core Requirements and Distribution Requirements will now be heard in the Hunter College Senate, Room 1018 East building. Please access the following link to file an online appeal application General Education Requirements Appeals.

All appeals for dean's list, change of administrative grades (WU, WN, FIN) to retroactive withdrawals and fulfillment of the foreign language requirement with four years of high school language study remain in the Office of Advising, room 1119 east building.

\section*{Appeals- General Education Requirements}

Students seeking to appeal for substitutions to or exemptions from any general education requirement must begin by filing an appeal with the General Education Requirements Appeals Committee of the Hunter College Senate. Students who follow the Hunter Core (adopted fall 2013) may file appeals regarding the CUNY Common Core or the Hunter Focus (Foreign Language, Concentrated Study, or Pluralism and Diversity). Students who follow the General Education Requirement or Distribution Requirement may also appeal to this committee and should see this document GER Appeals Committee. Appeals must be filed in accordance with the following procedures:
1. The student must submit a complete application for appeal: [http://geappeal.hunter.cuny.edu]. Incomplete applications will be returned to the student without consideration by the appeals committee. This action will not be regarded as a denial of the appeal. The appeals committee may request additional documentation in support of an appeal. Students must respond to such requests within 30 days or reapply with a complete application.
2. The student must present clear evidence that deviation from the prescribed program in the catalog is necessary and reasonable, and that any proposed substitutions adequately meet the academic objectives of the requirement.
3. Appeals for experimental courses completed at Hunter College but not yet approved by the Undergraduate Course of Study Committee as fulfilling a general education requirement must be supported with a class action letter from the department or program that offered the course. Such appeals will be considered only for Pluralism and Diversity or for the Hunter Focus-not for the CUNY Common Core.
4. The student must present clear evidence that a course transferred from another college or university fulfills the academic objectives of the requirement. Petitions for satisfaction of CUNY Common Core Requirements must include indication of which learning outcomes were met in the course and how they were met.
5. The appeals committee will respond to appeals requests on or about the 15 th and the 30th of each month during the spring and fall semesters when Hunter College classes are in session. The committee does not review appeals for currently enrolled students between June 1 and September 1 of the same year.

\section*{Special Appeals}

For other appeals for deviations or exemptions from other academic requirements or policies, students should confer with The Office of Advising. Special appeals include appeals to follow the General Education Requirement (GER), effective Fall 2001-Spring 2013, and the Distribution Requirement, effective Fall 1986-Spring 2001, rather than the Hunter Core.
Notice! There are no appeals for Writing Intensive-'W' designated-courses. All 'W' courses must be completed at Hunter College. Note that not all sections of a course are necessarily offered with significant writing every semester.

The 'W' designated courses (or specific sections thereof) for a particular semester are listed in the Schedule of Classes each semester. To satisfy a writing requirement, a particular section must be designated as 'W'.

\section*{Grades}

When a student considers a final course grade unsatisfactory, the student should first confer with the instructor regarding the accuracy of the grade received. This conference should be held within the first three weeks of the semester following receipt of the grade. At this time, errors may be corrected. If the grade is not an error, the student and instructor must together review all class material pertinent to the grade. If the student is not satisfied or if the instructor does not confer with the student within the first three weeks of the semester, the student should promptly contact the department chair by submitting a written appeal, consisting of a statement giving the factual reasons and basis for the complaint. The student has the right to request in writing that the chair appoint a student as a member of the department/school Grade Appeals Committee. This appeal at the department/school level must be submitted within the first five weeks of the semester following receipt of the grade, in accordance with the "College-wide Grade Appeals Procedures" adopted by the Senate in fall 1985. Copies of this procedure may be obtained in the Senate Office, the Office of Advising or academic departmental offices. Students appealing grades to the School of Nursing, the School of Urban Public Health or the School of Health Professions should direct their appeal to the dean of the School of Nursing. Students appealing grades to the School of Social Work should direct the appeal to the dean of the school, who shall carry out the responsibilities of the department chair.

\section*{Appeals for General Education Requirements}

Students seeking to appeal for substitutions to or exemptions from any general education requirement must begin by filing an appeal with the General Education Requirements Appeals Committee of the Hunter College Senate http://www.hunter.cuny.edu/senate/gerappeals. Students who follow the Hunter Core (adopted fall 2013) may file appeals regarding the CUNY Common Core or the Hunter Focus (Foreign Language, Concentrated Study, or Pluralism and Diversity). Students who follow the General Education Requirement (GER fall 2000-spring 2013) or Distribution Requirement (prior to fall 2000) may also appeal to this committee and should see this document. Appeals must be filed in accordance with the following procedures:
1. The student must submit a complete application for appeal. Incomplete applications will be returned to the student without consideration by the appeals committee. This action will not be regarded as a denial of the appeal. The appeals committee may request additional documentation in support of an appeal. Students must respond to such requests within 30 days or reapply with a complete application.
2. The student must present clear evidence that deviation from the prescribed program in the catalog is necessary and reasonable, and that any proposed substitutions adequately meet the academic objectives of the requirement.
3. Appeals for experimental courses completed at Hunter College but not yet approved by the Undergraduate Course of Study Committee as fulfilling a general education requirement must be supported with a class action letter from the department or program that offered the course. Such appeals will be considered only for Pluralism and Diversity or for the Hunter Focus-not for the CUNY Common Core.
4. The student must present clear evidence that a course transferred from another college or university fulfills the academic objectives of the requirement. Petitions for satisfaction of CUNY Common Core Requirements must include indication of which learning outcomes were met in the course and how they were met. [THESE LEARNING OUTCOMES WILL BE INDICATED ON THE FORM.]
5. The appeals committee will respond to appeals requests on or about the 15 th and the 30 th of each month during the spring and fall semesters when Hunter College classes are in session. The committee does not review appeals for currently enrolled students between June 1 and September 1 of the same year. Appeals for entering transfer students will be heard year round.

\section*{Appeals Procedure}

If either the student or the faculty member is not satisfied with the report of the Fact Finder, the student or faculty member may file a written appeal to the chief academic officer within 10 calendar days of receiving the report. The chief academic officer shall convene and serve as the chairperson of an Appeals Committee, which shall also include the chief student affairs officer, two faculty members elected annually by the faculty council or senate and one student elected annually by the student senate. The Appeals Committee shall review the findings and recommendations of the report, with particular focus on whether the conduct in question is protected by academic freedom. The Appeals Committee shall not conduct a new factual investigation or overturn any factual findings contained in the report unless they are clearly erroneous. If the Appeals Committee decides to reverse the Fact Finder in a case where there has not been an investigation because the Fact Finder erroneously found that the alleged conduct was protected by academic freedom, it may remand to the Fact Finder for further proceedings. The committee shall issue a written decision within 20 calendar days of receiving the appeal. A copy of the decision shall be sent to the student, the faculty member, the department chairperson and the president.

\section*{Appeals Process for Grades}

When a student considers a final course grade unsatisfactory, the student should first confer with the instructor regarding the accuracy of the grade received. This conference should be held no later than the first three weeks of the semester following receipt of the grade. At this time, errors may be corrected. If the grade is not an error, the student and instructor must together review all class material pertinent to the grade. If the student is not satisfied or if the instructor does not confer with the student, the student should promptly contact the department chair by submitting a written appeal, consisting of a statement giving the factual reasons and basis for the complaint. The student has the right to request in writing that the chair appoint a student as a member of the department/school Grade Appeals Committee. This appeal at the department/school level must be submitted no later than the first five weeks of the semester following receipt of the grade, in accordance with the "College-wide Grade Appeals Procedures" adopted by the Senate in fall 1985. Copies of this procedure may be obtained in the Senate Office, the Office of Advising Services or academic departmental offices. Students appealing grades to the School of Nursing, the School of Urban Public Health or the School of Health Professions should direct their appeal to the dean of the School of Nursing. Students appealing grades to the School of Social Work should direct the appeal to the dean of the school, who shall carry out the responsibilities of the department chair.

\section*{Application Procedure}

The fastest and easiest way to apply for financial aid is by completing the application online. FAFSA on the Web is available at www.fafsa.ed.gov. When the student completes the FAFSA (Free Application for Federal Student Aid), Hunter College should be included among the colleges to which the application information is reported. When the FAFSA is processed, CUNY will receive an electronic record of the student's application information. The student may be required to provide additional documentation to the Office of Financial Aid to verify the application information or to clarify any discrepancies in the application.

New York State resident students can apply for both federal and New York State aid during a single on-line session. After completing FAFSA on the Web, New York State residents are able to link to the TAP on the Web Form, which is pre-filled with their FAFSA data.

\section*{Arabic Programs and Courses}

\section*{Minor in Arabic and Minor in Arabic Studies}

\author{
Return to Classical and Oriental Studies
}

Two minors are offered by the Arabic Language, Literature, and Culture Division of the Department of Classical and Oriental Studies: Arabic and Arabic Studies.

\section*{Minor in Arabic}

The minor in Arabic requires the successful completion of

\section*{ARB 20100 - Intermediate Arabic I}

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills. prereq: ARB 10200 or equiv.
3 hrs
\(3 c r\).

\section*{ARB 20200 - Intermediate Arabic II}
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Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
3cr.

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\section*{ARB 30100 - Advanced Arabic I}

Emphasis on increased proficiency in reading, speaking and writing Arabic prereq: ARB 20200 or equiv.
3 hrs
3 cr .

\section*{ARB 30200 - Advanced Arabic II}

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr .
or their equivalent as determined by the Arabic Program Head.

\section*{ARB 14900 - Spoken Egyptian Arabic}

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic. prereq: ARB 10200 and permission of instructor 3 hours
3 credits
can be taken in lieu of ARB 30200
The prerequisite for the minor is successful completion of ARB 10100 and 10200 ( 8 credits).

Arabic Studies Minor

The Arabic Studies Minor requires the successful completion of 4 ARB courses on cultural or literary topics taught in English or in Arabic. Up to 2 Arabic language courses may be used to fulfill the minor requirements in lieu of two culture or literature courses.

The prerequisite for the minor is successful completion of ARB 10100 and ARB 10200 (8 credits).

\section*{Arabic Courses}

\section*{ARB 10100 - Beginning Arabic I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr.

\section*{ARB 10200-Beginning Arabic II}

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.
prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr .

\section*{ARB 14800 - Beginning Arabic for Heritage Speakers}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head

3 hrs
3 cr .

\section*{ARB 14900 - Spoken Egyptian Arabic}

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic. prereq: ARB 10200 and permission of instructor
3 hours
3 credits

\section*{ARB 20000 - Topics in Arabic Literature and Culture}

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule. prereq: ENGL 12000 or equivalent
3 hrs.
3 cr .

\section*{ARB 20100 - Intermediate Arabic I}

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.
prereq: ARB 10200 or equiv.
3 hrs
3 cr .

\section*{ARB 20200 - Intermediate Arabic II}

Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
3 cr.

\section*{ARB 24800 - Intermediate Arabic for Heritage Speakers}

This course is a continuation of ARB 14800 . It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book The course is not open to students who have taken the ARB 10100-30200 sequence.

3 hrs
3 cr .

\section*{ARB 25000 - The Arab Novel (in translation) (W)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr.

\section*{ARB 25100-Arab Cinema (in translation)}

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25200 - Literatures from the Islamic World (W)}
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Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

```

A survey of literary genres and themes from the Islamic World from the 7th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25300 - Literatures and Cultures of Muslim Spain (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E. prereq: ENGL 12000 or equivalent
3 hrs
3 credits
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Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

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The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

\section*{ARB 25500 - Modern Palestinian Culture}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A}

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

\section*{ARB 25600 - Modern Arab Theatre}

\section*{Hunter Core}

World Culture and Global Issues (WCGI_
Pluralism and Diversity
PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.
3 hrs
\(3 c r\).

\section*{ARB 30000 - Problems in Arabic Literature and Culture}

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.
3 hours
3 credits

\section*{ARB 30100 - Advanced Arabic I}

Emphasis on increased proficiency in reading, speaking and writing Arabic prereq: ARB 20200 or equiv.
3 hrs
\(3 c r\).

\section*{ARB 30200 - Advanced Arabic II}
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Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
cr.

```

\section*{Art and Art History}

Return to the Faculty of the School of Arts and Sciences

Nebahat Avcioglu, Associate Professor, Art History; BA Istanbul Technical University, PhD Cambridge
Drew Beattie, Distinguished Lecturer, Studio Art; BFA North Carolina, MFA Boston Museum School of Fine Arts

Andrea Blum, Professor, Studio Art; BFA Boston Museum School of Fine Arts, MFA Art Institute of Chicago
Daniel Bozhkov, Associate Professor, Studio Art; Academy of Fine Arts, Sofia, Bulgaria, MFA Hunter
Emily Braun, Distinguished Professor, Art History; BA Victoria College, Toronto, MA, PhD NYU
Joel Carreiro, Professor, Studio Art; BFA Cornell, MFA Hunter
Wen-Shing Chou, Assistant Professor, Art History; BA Chicago, MA, PhD UC Berkeley
Susanna Cole, Distinguished Lecturer; BA Brown, PhD Columbia
Susan Crile, Professor, Studio Art; BA Bennington
Lisa Corinne Davis, Professor, Studio Art; BFA Pratt, MFA Hunter
Thierry de Duve, Kossak Professor and Distinguished Lecturer, Art History; BA, MA University of Louvain, PhD Ecole des Hautes Etudes en Sciences Sociales, Paris

Constance DeJong, Distinguished Lecturer, Studio Art; Ohio State University, MA Hunter
Hendrik Dey, Professor, Art History; BA Middlebury, MA University of Durham, MA, PhD Michigan
Gabriele Evertz, Professor and Associate Chair, Studio Art; BA, MFA Hunter
Cynthia Hahn, Professor and Associate Chair, Art History; BA Pennsylvania State, MA Chicago, PhD John Hopkins
Valerie Jaudon, Professor, Studio Art; St. Martins School of Art, London

Paul Ramirez Jonas, Associate Professor, Studio Art; BA Brown, MFA Rhode Island School of Design
Lynda Klich, Assistant Professor, Art History; BS St. Joseph's, MA Hunter, PhD Institute of Fine Arts, NYU

Reiner Leist, Professor, Studio Art; BFA Cape Town (South Africa), MFA School of Visual Arts
Michael Lobel, Professor, Art History; BA Wesleyan, MA, PhD Yale
Maria Loh, Professor, Art History; BA McGill, MA, PhD Toronto
Jeffrey Mongrain, Distinguished Professor, Studio Art; BFA Minnesota, MFA Southern Illinois

Harper Montgomery, Assistant Professor, Art History; MA Columbia University, PhD University of Chicago
Carrie Moyer, Associate Professor, Studio Art; BFA Pratt, MA NY Institute of Technology, MFA Bard
Maria Antonella Pelizzari, Professor, Art History; Laurea Degree University of Genova, PhD New Mexico
Joachim Pissarro, Bershad Professor of Art History and Director of the Hunter College Galleries; MA Courtauld Institute, London, PhD Texas (Austin)

Juan Sánchez, Professor, Studio Art; BFA Cooper Union, MFA Rutgers

Howard Singerman, Professor and Phyllis and Joseph Caroff Chair, BA Antioch, MFA Claremont, PhD Rochester
Nari C. Ward, Professor, Studio Art; BFA Hunter, MFA Brooklyn

Thomas Weaver, Professor, Studio Art; BA California (Santa Cruz), MFA Hunter

Brian Wood, Professor, Studio Art; BA Saskatchewan (Canada), MFA Hunter

Tara Zanardi, Associate Professor; BA Delaware, MA, PhD Virginia

Return to the Department of Art

\section*{Asian American Studies}

Return to the Faculty of the School of Arts and Sciences
Meena Alexander, Distinguished Professor, English; BA Khartoum (Sudan), PhD Nottingham (UK)

John Chin, Associate Professor, Urban Affairs \& Planning; MS School of Social Research, PhD, MPhil Columbia
Margaret M. Chin, Associate Professor, Sociology; BA Harvard-Radcliffe, MA, PhD Columbia

Jennifer Hayashida, Distinguished Lecturer and Program Director; BA California at Berkeley, MFA Bard
Peter Kwong, Professor, Urban Affairs and Planning; BA Whitman, BS, MA, PhD Columbia

Rupal Oza, Associate Professor, Geography; MA Temple, PhD Rutgers
Angela Reyes, Assistant Professor, English; BA Michigan State, MSEd Penn State, PhD Pennsylvania
Chong Chon-Smith, Assistant Professor, English; BA Texas (Austin), MA Hawai'i (Manoa), PhD California (San Diego)

\section*{Assembly and Meeting Hours}

A block of time is set aside each week during which no classes are scheduled. Called "Dean's Hours," this time block is reserved for official college assemblies, guidance meetings and other academic and administrative purposes and for meetings of student organizations. Generally, Dean's Hours are scheduled on Wednesdays, from 1:10-3:00 p.m.

\section*{Assembly Hall}

Hunter North Lobby- Room 118 HN
The Assembly Hall is Hunter's largest performance venue. With a seating capacity of 2,079, the hall hosts performances by the Hunter College Symphony, concerts, meetings, forums and a variety of other events. Anyone interested in reserving the Assembly Hall for an event should contact the Office of Central Reservations at (212) 7724872.

\section*{Assignment of Credit Hours to Courses}

The assignment of credit hours to courses at Hunter College complies with the New York State Education Department's procedures:
"Semester hour means a credit, point, or other unit granted for the satisfactory completion of a course which requires at least 15 hours (of 50 minutes each) of instruction and at least 30 hours of supplementary assignments, except as otherwise provided pursuant to section 52.2(c)(4) of this Subchapter. This basic measure shall be adjusted proportionately to translate the value of other academic calendars and formats of study in relation to the credit granted for study during the two semesters that comprise an academic year."

See www.highered.nysed.gov/ocue/aipr/Part50.htm

\section*{Athletic Program Participation Notice}

The college files an annual report with the US secretary of education on intercollegiate athletics which includes information on the participation of males and females on its teams and the expenditures and revenues of those teams. Copies of the annual report on intercollegiate athletics are available at the reference desk of the library.

\section*{Attendance Policies}

All students must report to classes during the first week of classes. Students will lose their place in some classes if they do not attend the first class meeting. (See, for example, the "Notes" for biology and chemistry in the Schedule of Classes.)

The instructor has the right to set attendance requirements for the course, to keep attendance records, and to consider attendance in the calculation of final grades. Such attendance policies will be listed in the course syllabus. Students may not use absence from class as an excuse for not fulfilling all course requirements.

Students who have earned fewer than 15 credits of college-level work are limited in the number of cuts they may take in a course without risking a lower grade, as follows:
\(1-\mathrm{cr}\) course- 2 hrs of cuts

2-cr course-4 hrs of cuts

3-cr course-6 hrs of cuts
\(4-\mathrm{cr}\) course- 6 hrs of cuts (equal to 1 lab period and 1 lecture)

\section*{Attendance Requirements for Nursing}

Generic Program and Accelerated \(2^{\text {nd }}\) Degree Program students must attend during the day on a full-time basis. RN Program students may attend during the day or evening (depending on scheduling of courses) on a full-or a part-time basis.

\section*{Auditing}
- Currently enrolled degree and non-degree students: Students register for the course online at their CUNYfirst account and then provide a letter on letterhead stationery, signed by the Chairperson of the academic department which offers the course and approving that the course may be taken for AUDIT grade. This letter must be delivered to the One Stop, Room 217 North Building before the last day of the first week of classes during posted office hours. See www.hunter.cuny.edu/onestop/hours-of-operation for office hours. This option is only available through the first week of classes for each semester or term. Audit status will not be posted for students after the last day of the first week of classes. Audit grade status cannot be reversed once posted.
- Senior Citizens: Students classified as Senior Citizens by the college may register for courses as auditors only.
- Newly admitted and/or readmitted degree and non-degree students: Consult with the Office of Advising, Room 1119 East Building.
- Auditors pay mandated tuition and fees. For more information, visit: http://www.hunter.cuny.edu/onestop/finances/billing/costs-tuition-fees. No credit or grade will be given for audited classes.

\section*{Auditing Courses}

Auditors receive neither grades nor academic credit for their courses. Individuals enrolling under this program pay fees totaling approximately \(\$ 80\) each semester.

\section*{Biological Sciences}

Return to the Faculty of the School of Arts and Sciences

\author{
Adrienne Alaie, Assistant Professor; BA Bennington, PhD CUNY
}

Jesus Angulo, Professor; BA, MA Hunter, PhD CUNY
Jill Bargonetti-Chavarria, Professor; BA SUNY at Purchase, PhD NYU

Diana Bratu, Associate Professor; BA, MS, PhD NYU School of Medicine
Derrick Brazill, Professor and Chair; BS Stanford, PhD California at Berkeley
Robert P. Dottin, Professor; BS, MS, PhD; University of Toronto
Laurel A. Eckhardt, Marie Hesselbach Professor; BA Texas at Austin, PhD Stanford
Paul G. Feinstein, Associate Professor; BA Penn, PhD Columbia College of Physicians and Surgeons
Maria Figueiredo-Pereira, Professor, BSc, MSc, University of Lisbon, Portugal, PhD, NYU
David A. Foster, Rosalyn S. Yalow Chair Professor; BA California at Berkeley, MA, PhD Columbia
Allyson K. Friedman, Assistant Professor; BA Barnard, PhD Mount Sinai School of Medicine
Mitchell Goldfarb, Professor; BS, PhD MIT
Janette Gomos-Klein, Doctoral Lecturer; BS Ohio State, PhD CUNY
Lon Seth Kaufman, Professor and Provost; BA Queens, PhD SUNY at Stonybrook
Konstantinos Krampis, Associate Professor; BS, MS University of Athens, PhD Virginia Tech
Ekaterina Likhtik, Assistant Professor; BA Barnard, PhD Rutgers
Diego Loayza, Associate Professor; BS University of Geneva, MA Princeton, PhD Johns Hopkins
Carmen Melendez-Vasquez, Associate Professor; BSc Universidad Central de Venezuela, MSc Instituto Venezolano de Investigaciones Científicas, PhD London University, England

Olorunseun Ogunwobi, Associate Professor; Bachelor of Medicine, Bachelor of Surgery University of Ibadan, Nigeria, MS University of Hull, MS University of Florida, PhD University of East Anglia, UK

Benjamin Ortiz, Professor and Deputy Chair; BA Hunter, PhD Stanford
Weigang Qiu, Associate Professor; BSc, Biochemistry, Fudan University, China, PhD SUNY at Stony Brook Jayne Raper, Professor; BSc University of Newcastle upon Tyne, PhD University of Cambridge, England

Shirley Raps, Professor; BS Brooklyn, PhD Illinois
Patricia Rockwell, Professor, BSc Gwynedd Mercy, MSc Wright State, PhD CUNY
Thomas Schmidt-Glenewinkel, Associate Professor; BSc, PhD University of Frankfurt

Hualin Zhong, Assistant Professor; BA Nanjing University, MS Shanghai Institute of Biochemistry, PhD Rutgers

Return to the Department of Biological Sciences

\section*{Biological Sciences: Career Planning}

Graduate Study The department offers a master of arts in the biological sciences and courses taken in the MA program can later be credited toward the PhD upon acceptance into the CUNY doctoral program in biology. Interested students should obtain the Hunter College graduate catalog and contact the biology master's program adviser. Laboratory research under faculty supervision (see undergraduate research, below) is extremely valuable for gaining admission to graduate schools. Students planning to apply to graduate school should consult with their adviser as early in their college career as possible.

Professional Schools Students who plan to apply to schools of medicine, dentistry or veterinary medicine should consult with their adviser and see the preprofessional adviser on the 12th floor of Hunter East.

Preparation for Teaching In cooperation with the School of Education, the Department of Biological Sciences offers opportunities for students to prepare for a teaching career in elementary and secondary schools. The basic major in biology satisfies the requirements for New York State certification of at least 30 credits for teachers in adolescent education, grades 7-12.

Preparation for Biotechnology Students interested in careers in the rapidly growing field of biotechnology should select the major in biology and consult with their adviser as early as possible. Advanced courses taken as electives should include BIOL 61000 (see Hunter graduate catalog) and those special topics courses (BIOL 47000-BIOL 47100) that are most relevant to biotechnology. Qualified students are also encouraged to pursue the BA/MA Program in Biotechnology. Interested biology majors who have completed BIOL 300 should contact Dr. Patricia Rockwell as early as possible.

\title{
Brookdale Center on Healthy Aging and Longevity
}

2180 3rd Ave @ 119th Street, NYC 8th Floor
New York, NY 10035
(212) 396-7835
http://www.brookdale.org/
ActingDirector: Daniel Gardner
dgardn@hunter.cuny.edu

The Brookdale Center for Healthy Aging improves the lives of older adults through research, policy and professional development.

Founded in 1974, by Dr. Rose Dobroff, the Center quickly took root and flourished. As one of the country's first academic gerontology centers, Brookdale fostered a generation of professionals and paraprofessionals who serve older adults. With the addition of the Sadin Institute on Law and Public Policy, named for its founder Sam Sadin, Brookdale pioneered the field of elder law, nurturing many of the field's top legal experts. For over four decades, Brookdale has remained a leader and innovator in an area of human services and public policy that has become increasingly relevant over the years.

Human services professionals, lawyers and other advocates continue to come to Brookdale to expand their knowledge and sharpen their skills. Brookdale trains the majority of public employees in New York State who provide protective services to vulnerable adults; operates an institute specifically for managers and aspiring supervisors; trains lawyers and others in the guardianship process; and runs a rigorous certificate program in geriatric care management - to name just a few examples.

From the Center's location in East Harlem, staff are engaged in developing, implementing and evaluating cutting-edge programs and practices and disseminating those that work - such as daily money management services that protect elderly and disabled adults from financial exploitation and may enable them to remain at home instead of being placed in residential care facilities, and programs that neighborhood senior centers can offer to help people manage chronic health problems and improve their quality of life.

\title{
BSW Faculty
}

\author{
return to Appendix IV: Faculty
}

Patricia L. Dempsey, Associate Professor; DSW, International University for Graduate Studies; Child Welfare Policy, Practice and Program Development; Adolescent Sexuality; Clinical Practice with Urban Youth and Families

Ilze Earner, Associate Professor; PhD, Columbia; Child Welfare, Immigrants, Cultural Competency
Bernadette Hadden, Assistant Professor; PhD, Columbia; HIV/AIDS, Cognitive-Behavioral Skills-Building GroupBased HIV Prevention; Health and Mental Health; the Elderly

Marina Lalayants, Assistant Professor; PhD, CUNY; International Social Work and Social Policy; Organization Management and Leadership; Program Evaluation

Nancy Giunta, PhD, MSW, University of California, Berkeley; Aging/Gerontology: Health and Long Term Care; Macro SW practice; Community based participatory research.

Willie F. Tolliver, Associate Professor; DSW, CUNY; Human Diversity and Cultural Competence; Anti-Oppressive and Restorative Practice; Leadership Development; Spirituality

Robyn Brown-Manning, PhD, CUNY; Child Welfare; Human Diversity and Cultural Competence; Leadership Development

Kanako Okuda, MSW, LCSW, Lehman College; Director Field Education, MSW Program

\section*{Bylaws of the Board of Trustees}
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\section*{ARTICLE XV: STUDENTS}

SECTION 15.0 PREAMBLE.

Academic institutions exist for the transmission of knowledge, the pursuit of truth, the
development of students, and the general well-being of society. Student participation, responsibility, academic freedom, and due process are essential to the operation of the academic enterprise. As members of the academic community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth. Freedom to learn and to explore major social, political, and economic issues are necessary adjuncts to student academic freedom, as is freedom from discrimination, as set forth in the university's nondiscrimination policy.

Freedom to learn and freedom to teach are inseparable facets of academic freedom. The concomitant of this freedom is responsibility. If members of the academic community are to develop positively in their freedom; if these rights are to be secure, then students should exercise their freedom with responsibility.

\section*{SECTION 15.1. CONDUCT STANDARD DEFINED}

Each student enrolled or in attendance in any college, school or unit under the control of the board and every student organization, association, publication, club or chapter shall obey (1) the laws of the city, state and nation; (2) the bylaws and resolutions of the board, including the rules and regulations for the maintenance of public order pursuant to article 129-a of the education law ("Henderson rules"); and (3) the governance plan, policies, regulations, and orders of the college. Such laws, bylaws, resolutions, policies, rules, regulations and orders shall, of course, be limited by the right of students to the freedoms of speech, press, assembly and petition as construed by the courts.

\section*{SECTION 15.2. STUDENT ORGANIZATIONS}
a. Any group of students may form an organization, association, club or chapter by filing with the duly elected student government organization of the college or school at which they are enrolled or in attendance and with an officer to be designated by the chief student affairs officer of the college or school at which they are enrolled or in attendance (1) the name and purposes of the organization, association, club or chapter, (2) the names and addresses of its president and secretary or other officers corresponding in function to president and secretary.

The board recognizes that students have rights to free expression and association. At the same time, the board strongly believes that respect for all members of the university's diverse community is an essential attribute of a great university.
b. Extra-curricular activities at each college or school shall be regulated by the duly elected student government organization to insure the effective conduct of such college or school as an institution of higher learning and for the prevention of activities which are hereafter proscribed or which violate the standards of conduct of the character set forth in bylaw 15.1. Such powers shall include:
1. The power to charter or otherwise authorize teams (excluding intercollegiate athletics), publications, organizations, associations, clubs or chapters, and, when appropriate in the exercise of such regulatory power, the power to refuse, suspend or revoke any charter or other authorization for cause after hearing on notice.
2. The power to delegate responsibility for the effective implementation of its regulatory functions hereunder to any officer or committee which it may appoint.
c. 1. Any person or organization affiliated with the college may file a complaint with the chief student affairs officer if there is reason to believe that a student organization has violated any of the standards of conduct set forth in section 15.1 above. The chief student affairs officer shall promptly notify the affected organization, investigate any complaint and report the results of that investigation along with a recommendation for appropriate action to the complainant and the student government which shall take action as it deems appropriate, except that in the case of a complaint against the student government itself, the chief student affairs officer shall report the results of the investigation and the recommendation for appropriate action directly to the president.
2. The complainant or any student organization adversely affected by the action of the student government pursuant to subparagraph c (1) above may appeal to the president. The president may take such action as he or she deems appropriate and such action shall be final.
d. Each college shall establish a student elections review committee in consultation with the various student governments. The student elections review committee shall approve the election procedures and certify the results of elections for student governments, and student body referenda. Decisions of the student elections review committee may be appealed to the college president, whose decision shall be final. An appeal from the decision of the student elections review committee must be made in writing to the President within ten (10) calendar days of the decision. The President shall consult with the student elections review committee and render a decision as expeditiously as possible which may affirm, reverse, or modify the decision of the student elections review committee.
e .Student government elections shall be scheduled and conducted, and newly elected student governments shall take office, in accordance with policies of the board, and implementing regulations.

\section*{SECTION 15.3. THE UNIVERSITY STUDENT SENATE}

There shall be a university student senate responsible, subject to the board of trustees, for the formulation of universitywide student policy relating to the academic status, role, rights and freedoms of the student. The authority and duties of the university student senate shall not extend to areas of interest which fall exclusively within the domain of the student governments of the constituent units of the university. Consistent with the authority of the board of trustees in accordance with the education law and the bylaws of the board of trustees, the university student senate shall make its own bylaws providing for the election of its own officers, the establishment of its own rules and procedures, for its internal administration and for such other matters as is necessary for its existence. The university student senate shall have the full rights and responsibilities accorded student organizations as provided in these bylaws. The delegates and alternate delegates to the university student senate shall be elected by their respective constituencies, or by their student governments from the elected members of the respective student governments.

\section*{SECTION 15.4. STUDENT DISCIPLINARY PROCEDURES}

\section*{Complaint Procedures}
a. A University student, employee, visitor, organization or department who/which believes she/he/it is the victim of a student's misconduct (hereinafter "complainant") may make a charge, accusation, or allegation against a student (hereinafter "respondent") which if proved, may subject the respondent to disciplinary action. Such charge, accusation, or allegation must be communicated to the chief student affairs officer of the college the respondent attends.
b. The chief student affairs officer of the college or her or his designee shall conduct a preliminary investigation in order to determine whether disciplinary charges should be preferred. The chief student affairs officer or her or his designee shall advise the respondent of the allegation against her or him, explain to the respondent and the complainant their rights, consult with other parties who may be involved or who have information regarding the incident, and review other relevant evidence. The preliminary investigation shall be concluded within thirty (30) calendar days of the filing of the complaint, unless: (i) said complaint involves two or more complainants or respondents; or (ii) said complaint involves a matter that is also under investigation by law enforcement authorities. In those cases, the preliminary investigation shall be completed within sixty (60) calendar days. Further, if the matter has been previously investigated pursuant to the Board of Trustees Policy on Sexual Misconduct, the chief student affairs officer shall dispense with a preliminary investigation and rely on the report completed by the Title IX Coordinator. Following the completion of the preliminary investigation, the chief student affairs officer or designee shall take one of the following actions:
(i) Dismiss the matter if there is no basis for the allegation(s) or the allegation(s) does not warrant disciplinary action. The individuals involved shall be notified that the complaint has been dismissed;
(ii) Refer the matter to mediation (except in cases involving allegations of sexual assault, stalking or other forms of sexual violence); or
(iii) Prefer formal disciplinary charges.
c. In the event that a respondent withdraws from the college after a charge, accusation or allegation against a respondent has been made, and the college prefers formal disciplinary charges, the respondent is required to participate in the disciplinary hearing or otherwise to resolve the pending charges and shall be barred from attending any other unit
of the university until a decision on the charges is made or the charges are otherwise resolved. If the respondent fails to appear the college may proceed with the disciplinary hearing in absentia, and any decision and sanction shall be binding.
d. The college may offer the respondent and the complainant the opportunity to participate in a mediation conference prior to the time the disciplinary hearing takes place in an effort to resolve the matter by mutual agreement (except in cases involving sexual assault, stalking and other forms of sexual violence). The conference shall be conducted by a qualified staff or faculty member designated by the chief student affairs officer. The following procedures shall be in effect at this conference:
1. An effort shall be made to resolve the matter by mutual agreement.
2. If an agreement is reached, the faculty or staff member conducting the conference shall report her/his recommendation to the chief student affairs officer for approval and, if approved, the complainant and the respondent shall be notified, and a written memorandum shall be created memorializing the resolution and any consequences for non-compliance.
3. If no agreement is reached within a reasonable time, or if the respondent fails to appear, the faculty or staff member conducting the conference shall refer the matter back to the chief student affairs officer who may prefer disciplinary charges.

\section*{Mediation Conference}
d. The mediation conference shall be conducted by a qualified staff or faculty member designated by the chief student affairs officer. The following procedures shall be in effect at this conference: I. An effort will be made to resolve the matter by mutual agreement.
2. If an agreement is reached, the faculty or staff member conducting the conference shall report his/her recommendation to the chief student affairs officer for approval and, if approved, the complainant shall be notified, and a written memorandum shall be created memorializing the resolution and any consequences for noncompliance.
3. If no agreement is reached, or if the student fails to appear, the faculty or staff member conducting the conference shall refer the matter back to the chief student affairs officer who may prefer disciplinary charges.
4. The faculty or staff member conducting the mediation conference is precluded from testifying in a college hearing regarding information received during the mediation conference.

\section*{Notice of Hearing and Charges, and Pre-Hearing Document Inspection}
e. Notice of the charge(s) and of the time and place of the hearing shall be personally delivered to the respondent, or sent by certified or overnight mail and email to the respondent's CUNY-assigned email address. Notice shall also be sent in a similar manner to the complainant to the extent the charges relate to her/him/it. The chief student affairs officer is also encouraged to send the notice of charges to any other e-mail address that he or she may have for the respondent and the complainant. The hearing shall be scheduled within a reasonable time following the filing of the charges or the mediation conference. Notice of at least seven (7) calendar days shall be given to the respondent in advance of the hearing unless the respondent consents to an earlier hearing. The respondent is permitted one (1) adjournment as of right. Additional requests for an adjournment must be made at least five (5) calendar days prior to the hearing date, and shall be granted or denied at the discretion of the chairperson of the faculty-student disciplinary committee. If the respondent fails to respond to the notice, appear on the adjourned date, or request an extension, the college may proceed in absentia, and any decision and sanction shall be binding.
f. The notice shall contain the following:
1. A complete and itemized statement of the charge(s) being brought against the respondent including the rule, bylaw or regulation she/he is charged with violating, and the possible penalties for such violation.
2. A statement that the respondent and the complainant have the right to attend and participate fully in the hearing including the right:
(i) to present their side of the story;
(ii) to present witnesses and evidence on their behalf;
(iii) to cross-examine witnesses presenting evidence;
(iv) to remain silent without assumption of guilt; and
(iv) to be represented by an advisor or legal counsel at their expense; if the respondent or the complainant request it, the college shall assist in finding a legal counsel or advisor.
3. A warning that anything the respondent says may be used against her/him at a non-college hearing.
4. At least five (5) calendar days prior to the commencement of a student disciplinary hearing, the college shall provide the respondent and the complainant and/or their designated representative, with similar and timely access to review any documents or other tangible evidence that the college intends to use at the disciplinary hearing, consistent with the restrictions imposed by Family Education Rights and Privacy Act ("FERPA"). Should the college seek to introduce additional documents or other tangible evidence during, or some time prior to, the disciplinary hearing, the respondent and the complainant shall be afforded the opportunity to review the additional documents or tangible evidence. If during the hearing the respondent submits documentary evidence, the chairperson may, at the request of either the college or the complainant, direct the respondent to produce such other documents as may be necessary in the interest of fairness.

\section*{Emergency Suspension}
g. The president or her/his designee may in emergency or extraordinary circumstances, temporarily suspend a student pending an early hearing as provided in this bylaw section 15.4. to take place within not more than twelve (12) calendar days, unless the student requests an adjournment. Such suspension shall be for conduct which impedes, obstructs, impairs or interferes with the orderly and continuous administration and operation of any college, school, or unit of the university in the use of its facilities or in the achievement of its purposes as an educational institution. Prior to the commencement of a temporary suspension of a student, the college shall give the student oral notice (which shall be confirmed via email to the address appearing on the records of the college) or written notice of the charges against her/him and, if she/he denies them, the college shall forthwith give the student an informal oral explanation of the evidence supporting the charges and the student may present informally her/his explanation or theory of the matter. When a student's presence poses a continuing danger to person or property or an ongoing threat of disrupting the academic process, notice and opportunity for denial and explanation may follow suspension, but shall be given as soon as feasible thereafter. The complainant shall be notified in the event that an emergency suspension is imposed against a student, and/or when the suspension is subsequently lifted to the extent that the suspension involves the complainant in the same manner notice is given to the student.

\section*{Faculty-Student Disciplinary Committee Structure}
h. Each faculty-student disciplinary committee shall consist of two (2) faculty members or one (1) faculty member and one (1) member of the Higher Education Officer series (HEO), and two (2) student members and a chairperson, who shall be a faculty member. A quorum shall consist of the chairperson and any two (2) members, one of whom must be a student. Hearings shall be scheduled promptly (including during the summers) at a convenient time and efforts shall be made to insure full student and faculty representation.
i. The president shall select in consultation with the head of the appropriate campus governance body or where the president is the head of the governance body, its executive committee, three (3) members of the faculty of that college to receive training and to serve in rotation as chairperson of the disciplinary committee. The following schools shall be required to select two (2) chairpersons:, CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism. If none of the chairpersons appointed from the campus can
serve, the president, at her/his discretion, may request that a chairperson be selected by lottery from the entire group of chairpersons appointed by other colleges. The chairperson shall preside at all meetings of the faculty-student disciplinary committee and decide and make all rulings for the committee. She/he shall not be a voting member of the committee but shall vote in the event of a tie.
j. The faculty members shall be selected by lot from a panel of six (6) elected biennially by the appropriate faculty body from among the persons having faculty rank or faculty status. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism shall be required to select four (4) faculty members. The HEO members shall be selected by lot from a panel of six (6) HEO appointed biennially by the president. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism shall be required to select four (4) HEO's. The student members shall be selected by lot from a panel of six (6) elected annually in an election in which all students registered at the college shall be eligible to vote. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism shall be required to select four (4) students. In the event that the student or faculty panel or both are not elected, or if more panel members are needed, the president shall have the duty to select the panel or panels which have not been elected. No individuals on the panel shall serve on the panel for more than four (4) consecutive years. Notwithstanding the above, in cases of sexual assault, stalking and other forms of sexual violence, the president shall designate one (1) chairperson, two (2) faculty/HEO members, and two (2) students, who shall be specially trained, and who shall constitute the faculty-student disciplinary committee in all such cases.
k. In the event that the chairperson cannot continue, the president shall appoint another chairperson. In the event that a seat becomes vacant and it is necessary to fill the seat to continue the hearing, the seat shall be filled from the respective faculty, HEO, or student panel by lottery.
1. Each academic year, the chief student affairs officer, and her or his designee, shall appoint/identify one or more college employees to serve as presenters for the hearings. This list shall be forwarded to the Office of the Vice Chancellor for Student Affairs, and the Office of the General Counsel and Sr. Vice Chancellor for Legal Affairs prior to the first day of the academic year.
m . Persons who are to be participants in the hearings as witnesses or have been involved in preferring the charges or who may participate in the appeals procedures or any other person having a direct interest in the outcome of the hearing shall be disqualified from serving on the committee.

\section*{Faculty-Student Disciplinary Committee Procedures}
n . The following procedures shall apply at the hearing before the faculty-student disciplinary committee:
1. The chairperson shall preside at the hearing. The chairperson shall inform the respondent of the charges, the hearing procedures and her or his rights.
2. All faculty student disciplinary committee hearings are closed hearings, but the respondent has the right to request an open public hearing. However, the chairperson has the right to deny the request and hold a closed hearing when an open public hearing would adversely affect and be disruptive to the committee's normal operations, or when the complainant in a case involving allegations of sexual assault, stalking, or other forms of sexual violence requests a closed hearing. In the event of an open hearing, the respondent must sign a written waiver acknowledging that those present will hear the evidence introduced at the hearing.
3. After informing the respondent of the charges, the hearing procedures, and her or his rights, the chairperson shall ask the respondent to respond. If the respondent admits the conduct charged, the respondent shall be given an opportunity to explain her/his actions before the committee and the college shall be given an opportunity to respond and present evidence regarding the appropriate penalty. If the respondent denies the conduct charged, the college shall present its case. At the conclusion of the college's case, the respondent may move to dismiss the charges. If the motion is denied by the committee, the respondent shall be given an opportunity to present her or his defense.
4. Prior to accepting testimony at the hearing, the chairperson shall rule on any motions questioning the impartiality of any committee member or the adequacy of the notice of the charge(s). Subsequent thereto, the chairperson may rule on
the admissibility of the evidence and may exclude irrelevant, unreliable or unduly repetitive evidence. In addition, if either party wishes to question the impartiality of a committee member on the basis of evidence which was not previously available at the inception of the hearing, the chairperson may rule on such a motion. The chairperson shall exclude from the hearing room all persons who are to appear as witnesses, except the respondent and the complainant.
5. The college shall make a record of each fact-finding hearing by some means such as a stenographic transcript, an audio recording or the equivalent. The college must assign a staff member for each hearing, with the sole responsibility of ensuring that the hearing is recorded in its entirety. No other recording of the proceedings may be permitted. A respondent who has been found to have committed the conduct charged after a hearing is entitled upon request to a copy of such a record without cost upon the condition that it is not to be disseminated except to the respondent's representative or attorney. In the event of an appeal, both the respondent and the complainant are entitled upon request to a copy of such a record without cost, upon the condition that it is not to be disseminated except to their representatives or attorneys.
6. The college bears the burden of proving the charge(s) by a preponderance of the evidence.
7. The role of the faculty-student disciplinary committee is to listen to the testimony, ask questions of the witnesses, review the testimony and evidence presented at the hearing and the papers filed by the parties and render a determination. In the event the respondent is found to have committed the conduct charged, the committee shall then determine the penalty to be imposed.
8. The college, the respondent and the complainant are permitted to have lawyers or other representatives act on their behalf during the pendency of a disciplinary action, which shall include the calling and examining of witnesses, and presenting other evidence. Any party intending to appear with an attorney shall give the other party 5 (five) calendar days' notice of such representation.
9. The chairperson of the faculty-student disciplinary committee retains discretion to limit the number of witnesses and the time of testimony for the presentations by any party and/or their representative.
10. In the event that the respondent is charged with a sexual assault, stalking or other forms of sexual violence, neither the respondent nor the complainant shall be permitted to cross-examine the other directly. Rather, if they wish to, the respondent and the complainant may cross-examine each other only through a representative. If either or both of them do not have a representative, the college shall work with them to find a representative to conduct such crossexamination. In the alternative, either party may provide written questions to the chairperson to be posed to the witness.
11. At the end of the presentations, the respondent and the complainant may introduce individual character references. The college may introduce a copy of the respondent's previous disciplinary record, including records from any CUNY institution the respondent has attended, where applicable, provided the respondent was shown a copy of the record prior to the commencement of the hearing. The previous disciplinary record shall be submitted to the committee in a sealed envelope, bearing the respondent's signature across the seal, and shall only be opened if the respondent has been found to have committed the conduct charged. The previous disciplinary records, as well as documents and character evidence introduced by the respondent, the complainant, and the college shall be opened and used by the committee for dispositional purposes, i.e., to determine an appropriate penalty if the charges are sustained.
12. The committee shall deliberate in closed session. The committee shall issue a written decision, which shall be based solely on the testimony and evidence presented at the hearing and the papers filed by the parties.
13. The respondent shall be sent a copy of the faculty-student disciplinary committee's decision within seven (7) calendar days of the conclusion of the hearing, by regular mail and e-mail to the address appearing on the records of the college. In cases involving two or more complainants or respondents, the respondent shall be sent a copy of facultystudent disciplinary committee's decision within fourteen (14) calendar days of the conclusion of the hearing. The chief student affairs officer is also encouraged to send the decision to any other e-mail address that he or she may have for the respondent. The decision shall be final subject to any appeal. In cases involving a crime of violence or a nonforcible sex offense, as set forth in FERPA, the complainant shall simultaneously receive notice of the outcome of the faculty-student disciplinary committee's decision as it relates to the offense(s) committed against the complainant, in the same manner as notice is given to the respondent.
14. When a disciplinary hearing results in a penalty of dismissal or suspension for one term or more, the decision is a university-wide penalty and the respondent shall be barred from admission to, or attendance at, any other unit of the university while the penalty is being served.
15. Disciplinary penalties shall be placed on a respondent's transcript unless a mediation agreement, the committee's decision, or the decision on any appeal under section 15.4(o) below, expressly indicate otherwise. For all undergraduate students, a penalty other than suspension or expulsion shall be removed from the respondent's transcript upon the request of the respondent after at least four (4) years have elapsed since the penalty was completed, unless the respondent has been found to have committed a subsequent violation pursuant to this Article. The chief student affairs officer shall be responsible for having any penalty removed from a student's transcript as provided above.

\section*{Appeals}
o. A respondent or a complainant may appeal a decision of the faculty-student disciplinary committee to the president on the following grounds: (i) procedural error, (ii) newly discovered evidence that was not reasonably available at the time of the hearing, or (iii) the disproportionate nature of the penalty. The president may remand for a new hearing or may modify the penalty either by decreasing it (on an appeal by the respondent) or increasing it (on an appeal by the complainant). If the president is a party to the dispute, her/his functions with respect to an appeal shall be discharged by an official of the university to be appointed by the chancellor or her or his designee. If the penalty after appeal to the president is one of dismissal or suspension for one term or more, a respondent or a complainant may appeal to the board committee on student affairs and special programs. The board may dispose of the appeal in the same manner as the president.
p. An appeal under this section shall be made in writing within fifteen (15) calendar days after the delivery of the decision appealed from. This requirement may be waived in a particular case for good cause by the president or the board committee as the case may be. Within three (3) calendar days of the receipt of any appeal, either to the president or the board committee on student affairs and special programs, the appealing party shall be sent a written notice of the other party's appeal. In addition, the respondent and/or the complainant shall have the opportunity to submit a written opposition to the other party's appeal within fifteen (15) calendar days of the delivery of the notice of receipt of such appeal.
q. The president shall decide and issue a decision within fifteen (15) calendar days of receiving the appeal or within fifteen (15) calendar days of receiving papers in opposition to the appeal, whichever is longer. The board committee shall decide and issue a decision within five (5) calendar days of the meeting at which it hears the appeal.

\section*{SECTION 15.5. ACTION BY THE BOARD OF TRUSTEES}

Notwithstanding the foregoing provisions of this article, the board of trustees reserves full power to suspend or take other appropriate action against a student or a student organization for conduct which impedes, obstructs, or interferes with the orderly and continuous administration and operation of any college, school, or units of the university in the use of its facilities or in the achievement of its purposes as an educational institution in accordance with procedures established by the board of trustees

The provisions in a duly adopted college governance plan shall not be inconsistent with the provisions contained in this article.

\section*{Adopted by the CUNY Board of Trustees}

\section*{November 28, 2011}

\section*{SECTION 16.1 STUDENT ACTIVITY FEE}

The student activity fee is the total of the fees for student government and other student activities. Student activity fees, including student government fees collected by a college of the university shall be deposited in a college central depository and, except where earmarked by the board, allocated by a college association budget committee subject to review by the college association as required in these bylaws.

\section*{SECTION 16.2 USE OF STUDENT ACTIVITY FEES - EXPENDITURE CATEGORIES}

\section*{Student activity fee funds shall be allocated and expended only for the following purposes:}
1. Extracurricular educational programs;.
2. Cultural and social activities;
3. Recreational and athletic programs;
4. Student government;
5. Publications and other media;
6. Assistance to registered student organizations;
7. Community service programs;
8. Enhancement of the college and university environment;
9. Transportation, administration and insurance related to the implementation of these activities;
10. Student services to supplement or add to those provided by the university;
11. Stipends to student leaders.

\section*{SECTION 16.3 STUDENT GOVERNMENT FEE}

The student government fee is that portion of the student activity fee levied by resolution of the board which has been established for the support of student government activities. The existing student government fees now in effect shall continue until changed. Student government fees shall be allocated by the duly elected student government, or each student government where more than one duly elected student government exists, for its own use and for the use of student organizations, as specified in section 15.2. of these bylaws, provided, however, that the allocation is based on a budget approved by the duly elected student government after notice and hearing, subject to the review of the college association.

Where more than one duly elected student government exists, the college association shall apportion the student government fees to each student government in direct proportion to the amount collected from members of each student government.

A student government activity is any activity operated by and for the students enrolled at any unit of the university provided, (1) such activity is for the direct benefit of students enrolled at the college, (2) that participation in the activity and the benefit thereof is available to all students enrolled in the unit or student government thereof, and (3) that the activity does not contravene the laws of the city, state or nation, or the published rules, regulations, and orders of the university or the duly established college authorities.
1. The college association shall have responsibility for the supervision and review over college student activity fee supported budgets. All budgets of college student activity fees, except where earmarked by the board to be allocated by another body, should be developed by a college association budget committee and recommended to the college association for review by the college association prior to expenditure. The college association shall review all college student activity fee, including student government fee allocations and expenditures for conformance with the
expenditure categories defined in Section 16.2. of this article and the college association shall disapprove any allocation or expenditure it finds does not so conform, or is inappropriate, improper, or inequitable.
2. A college association shall be considered approved for purposes of this article if it consists of thirteen (13) members, its governing documents are approved by the college president and the following requirements are met:
1. The governing board of the college association is composed of:
1. The college president or his/her designee as chair.
2. Three administrative members appointed by the college president.
3. Three faculty members appointed by the college president from a panel whose size is twice the number of seats to be filled and the panel is elected by the appropriate college faculty governance body.
4. Six student members comprised of the student government president(s) and other elected students with the student seats allocated on a basis which will provide representation to each government, where more than one exists, as nearly as practicable in proportion to the student activity fees provided by the students from the respective constituencies.
2. The college association structure provides a budget committee composed of members of the governing board, at least a majority of whom are students selected in accordance with section 16.5.(b) (1)(iv) of these bylaws. The budget committee shall be empowered to receive and review student activity fee budget requests and to develop a budget subject to the review of the college association. The college association may choose to not approve the budget or portions of the budget if in their opinion such items are inappropriate, improper, or inequitable. The budget shall be returned to the budget committee with the specific concerns of the college association noted for further deliberation by the budget committee and subsequent resubmittal to the college association. If the budget is not approved within thirty (30) days those portions of the budget voted upon and approved by the college association board will be allocated. The remainder shall be held until the college association and the budget committee agree.
3. The governing documents of the college association have been reviewed by the board's general counsel and approved by the board.

\section*{SECTION 16.6 MANAGEMENT AND DISBURSEMENT OF FUNDS}

The college and all student activity fee allocating bodies shall employ generally accepted accounting and investment procedures in the management of all funds. All funds for the support of student activities are to be disbursed only in accordance with approved budgets and be based on written documentation. A requisition for disbursement of funds must contain two signatures; one, the signature of a person with responsibility for the program; the other, the signature of an approved representative of the allocating body.

All revenues generated by student activities funded through student activity fees shall be placed in a college central depository subject to the control of the allocating body. The application of such revenues to the account of the income generating organization shall require the specific authorization of the allocating body.

The chancellor or his/her designee shall promulgate regulations in a fiscal accountability handbook, to regulate all aspects of the collection, deposit, financial disclosure, accounting procedures, financial payments, documentation, contracts, travel vouchers, investments and surpluses of student activity fees and all other procedural and documentary
aspects necessary, as determined by the chancellor or his/her designee to protect the integrity and accountability of all student activity fee funds.

A college purposes fund may be established at each college and shall be allocated by the college president. This fund may have up to twenty-five (25) percent of the unearmarked portion of the student activity fee earmarked to it by resolution of the board, upon the presentation to the board of a list of activities that may be properly funded by student activity fees that are deemed essential by the college president.

Expenditures from the college purposes fund shall be subject to full disclosure under section 16.13. of these bylaws.
Referenda of the student body with respect to the use and amount of the college purposes fund shall be permitted under the procedures and requirements of section 16.12. of these bylaws.

The auxiliary enterprise board shall have responsibility for the oversight, supervision and review over college auxiliary enterprises. All budgets of auxiliary enterprise funds and all contracts for auxiliary enterprises shall be developed by the auxiliary enterprise budget and contract committee and reviewed by the auxiliary enterprise board prior to expenditure or execution.

The auxiliary enterprise board shall be considered approved for the purposes of this article if it consists of at least eleven (11) members, its governing documents are approved by the college president and the following requirements are met:
1. The governing board is composed of the college president or his/her designee as chair, plus an equal number of students and the combined total of faculty and administrative members.
2. The administrative members are appointed by the college president.
3. The faculty members are appointed by the college president from a panel whose size is twice the number of seats to be filled and the panel is elected by the appropriate college faculty governance body.
4. The student members are the student government president(s) and other elected students and the student seats are allocated on a basis which will provide representation to each government, where more than one exists, as nearly as practicable, in proportion to the student enrollment by headcount from the respective constituencies.
5. The auxiliary enterprise board structure provides for a budget and contract committee composed of a combined total of faculty and administrative members that is one more than the number of student members. The budget and contract committee shall be empowered to develop all contract and budget allocation proposals subject to the review and approval of the auxiliary enterprise board.
6. The governing documents of the auxiliary enterprise board have been reviewed by the board's general counsel and approved by the board.

\section*{SECTION 16.11 THE REVIEW AUTHORITY OF COLLEGE PRESIDENTS OVER STUDENT ACTIVITY FEE ALLOCATING BODIES AND AUXILIARY ENTERPRISE BOARDS}
1. The president of the college shall have the authority to disapprove any student activity fee, including student government fee, or auxiliary enterprise allocation or expenditure, which in his or her opinion contravenes the laws of the city, state, or nation or any bylaw or policy of the university or any policy, regulation, or order of the college. If the college president chooses to disapprove an allocation or expenditure, he or she shall consult with the general counsel and vice chancellor for legal affairs and thereafter communicate his/her decision to the allocating body or auxiliary enterprise board.
2. The president of the college shall have the authority to suspend and send back for further review any student activity fee, including student government fee, allocation or expenditure which in his or her opinion is not within the
expenditure categories defined in section 16.2. of this article. The college association shall, within ten (10) days of receiving a proposed allocation or expenditure for further review, study it and make a recommendation to the president with respect to it. The college president shall thereafter consider the recommendation, shall consult with the general counsel and vice chancellor for legal affairs, and thereafter communicate his/her final decision to the allocating body as to whether the allocation or expenditure is disapproved.
3. The chancellor or his/her designee shall have the same review authority with respect to university student activity fees that the college president has with respect to college student activity fees.
4. All disapprovals exercised under this section shall be filed with the general counsel and vice chancellor for legal affairs.
5. Recipients of extramural student activity fees shall present an annual report to the chancellor for the appropriate board committee detailing the activities, benefits and finances of the extramural body as they pertain to the colleges where students are paying an extramural fee.

A referendum proposing changes in the student activity fee shall be initiated by a petition of at least ten (10) percent of the appropriate student body and voted upon in conjunction with student government elections.
1. Where a referendum seeks to earmark student activity fees for a specific purpose or organization without changing the total student activity fee, the results of the referendum shall be sent to the college association for implementation.
2. Where a referendum seeks to earmark student activity fees for a specific purpose or organization by changing the total student activity fee, the results of such referendum shall be sent to the board by the president of the college together with his/her recommendation.
3. At the initiation of a petition of at least ten (10) percent of the appropriate student body, the college president may schedule a student referendum at a convenient time other than in conjunction with student government elections.
4. Where the referendum seeks to affect the use or amount of student activity fees in the college purposes fund, the results of the referendum shall be sent to the board by the college president together with his/her recommendation.

The college president shall be responsible for the full disclosure to each of the student governments of the college of all financial information with respect to student activity fees.

The student governments shall be responsible for the full disclosure to their constituents of all financial information with respect to student government fees.

The student activity fee allocating bodies shall be responsible for the full disclosure of all financial information to its membership, to the college and to the student governments with respect to all of its activities.

The auxiliary enterprise board shall be responsible for the full disclosure of all financial information to its membership, to the college and to the student governments with respect to auxiliary enterprises.

For purposes of the foregoing paragraphs, full disclosure shall mean the presentation each semester of written financial statements which shall include, but need not be limited to, the source of all fee income by constituency, income from other sources creditable to student activity fee accounts, disbursements, transfers, past reserves, surplus accounts, contingency and stabilization funds. Certified independent audits performed by a public auditing firm shall be conducted at least once each year.

The payment of stipends to student leaders is permitted only within those time limits and amounts authorized by the board.

\section*{Campus Housing}

\author{
Department of Residence Life \\ Residence Hall Office: (212) 481-4310 \\ www.hunter.cuny.edu/livingathunter
}

Hunter College residents have the unique opportunity to enrich their learning experiences beyond the classroom by becoming involved in the Residence Life community. Residents can participate in a number of social, educational, and cultural programs designed to enhance their education and to promote positive relationships within the residences and the community at large.

Only a limited number of Hunter's 23,000 plus students have the opportunity to live in our residences. Scholar groups are given priority access, and are assigned to a specific residence to better build community among them.

The Brookdale Residence Hall is located at 425 East 25 th Street and houses approximately 650 undergraduate students. This location offers the convenience of 24 hour security, an indoor pool, a basketball court and a game room managed by the Brookdale Council. All rooms are single occupancy and contain basic furnishings. Gender neutral rooms are available. Each floor has a main lounge, bathroom facilities and a kitchen.
\(97^{\text {th }}\) Street Residence is located at 1760 3rd Avenue at 97 th Street, and houses 99 undergraduate residents. This updated residence hall is equipped with everything you would expect plus a concierge, high tech gym, and laundry facility.
\(92^{\text {nd }}\) Street Residence is located at 1395 Lexington Ave (at 92 nd Street), and houses 36 undergraduate residents. This location offers a full complimentary membership to the 92 nd Street's May Center for Health, Fitness \& Sport, two weight-training rooms, two gyms, an indoor track, racquetball courts, steam rooms, saunas and a 25 -yard ozonepurified swimming pool. Residents can also attend 92nd Street programs, events and classes at a discount.

\section*{Campus Implementation}

Each campus shall implement these procedures and shall distribute them widely to administrators, faculty members and students and post them on the college Web site.

\section*{Career Development Services}

805 East
(212) 772-4850
www.hunter.cuny.edu/studentservices/cds
The Office of Career Development Services helps Hunter College students to compete in the job market through a variety of services:
- Career Counseling Career counseling is an interactive process where students are assisted in discovering the career that will provide optimum personal satisfaction. Counselors meet with students individually and in small groups to explore and evaluate the student's academic strengths and concentration, additional training,
work history, interests, skills and personal traits. Counselors help uncover underlying factors that may impede progress toward decision making. Counselors also help the student develop a resumé, interviewing skills and job search skills. Alumni are also encouraged to use the services for assistance in job search and career change.
- Internships Internships provide the opportunity to gain pre-professional work experience in a setting related to a student's major course of study. Interns work in corporations, government agencies and nonprofit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job related experience to enhance their resumé and interview presentation and earn academic credit or stipends.
- Employer Recruiting Representatives recruit and interview students both on and off campus from a wide variety of fields to meet the employment needs of students in all majors.
- Employer Visits Employers and successful professionals, including alumni, come to Hunter to discuss career opportunities in their respective areas. Panelists explore current trends in various fields, offer suggestions for preparing for the competitive job market and describe their own careers. From these experiences, students learn about specific companies, their products and services, hiring trends and career opportunities.
- The On Campus Recruiting Program Graduating seniors have the opportunity to enroll in the On Campus Recruiting Program. Approved resumés are made available to participating employers for review. Employers select those candidates in whom they are interested and conduct interviews on and off campus.
- CAREERHUNTER Job and Internship Data Base Businesses and organizations in a wide variety of fields post part- and full-time jobs and internships with the Career Development Services office. Students and alumni can register in CAREERHUNTER, create a profile, upload a resumé, access the listings, and send the resumé directly to employers.
- Career Resources A wide variety of career information is available available both online and inhouse: skills and interest inventories, industry and job market information, employment trends, resumé and cover letter writing, interviewing and job search skills.

\section*{Catalog at a Glance}

Scroll for list of topics that are contained within each section of the catalog one the navigation menu bar, found on the left.

\section*{Section One: Introduction}
- About Hunter College
- Hunter College Mission Statement
- College Governance
- Administration of Hunter College
- City University of New York Administration

\section*{Center for Occupational and Environmental Health}

\author{
7th Floor \\ http://www.hunter.cuny.edu/health/coeh/ \\ (212) 481-8790 \\ Co-Directors: Andrew Burgie \\ andrew.burgie@hunter.cuny.edu, David Kotelchuck \\ dkotelch@hunter.cuny.edu
}

The Hunter College Center for Occupational and Environmental Health was established in 1986 to improve workplace and environmental health by assisting worker and community efforts to understand and ameliorate hazardous conditions. The center conducts training classes to assist labor unions, government agencies and other groups to strengthen their capacity to respond to workplace hazards; assists communities in addressing urban environmental concerns; and sponsors graduate student internships in occupational and environmental health. Current areas of interest and study include asbestos, lead poisoning, hazardous waste and materials, asthma, air pollution, ergonomics and public health policy. The Center for Occupational and Environmental Health is funded by federal and state grants, labor unions and private foundations.

\section*{Center for Student Achievement}

417 Hunter West
(212) 772-4890
http://www.hunter.cuny.edu/studentservices/csa
The Center for Student Achievement provides students with opportunities to develop and enhance their study methods. The Center provides assistance to students on academic probation. By offering programs such as Project Success and the Academic Success Coaching program we give students the opportunity to improve their academic skills. Project Success is a weekly seminar for students on academic probation, while the Academic Success Coaching program offers students who are academically at-risk individual meetings with a trained staff member. For more information about the services and resources, visit our Web site.

\section*{Certificates}

Two certificates are available to students majoring in any discipline: Human Rights and Public Policy. These credentials contain 24 to 27 credits respectively.

\section*{Chemistry}

Return to the Faculty of the School of Arts and Sciences

Spiro Alexandratos, Professor, Chemistry; BS Manhattan College, PhD California (Berkeley)
Manashi Chatterjee, University of Saskatchewan, Saskatoon, Canada Ph.D. (Organic Chemistry), University of
Edinburgh, Scotland, UK Post-doctoral Research, Indian Institute of Technology (IIT), Bombay, India M.Sc. (Organic Chemistry).

Charles M. Drain, Professor and Chair, Chemistry; BS Missouri (St. Louis), PhD Tufts
Lynn Francesconi, Professor, Chemistry; BA Ithaca, PhD Illinois
Dixie Goss, Gertrude B. Elion Professor, Chemistry; BS Nebraska Wesleyan, PhD Nebraska
Nancy Greenbaum, Professor, Chemistry; BA, PhD Pennsylvania
Wayne W. Harding, Assistant Professor, Chemistry; BS, PhD West Indies
Mandë Holford, Assistant Professor, Chemistry; BS York (CUNY), PhD Rockefeller
Akira Kawamura, Assistant Professor, Chemistry; BS, MS Tokyo (Japan), PhD Columbia

Frida Kleiman, Assistant Professor, Chemistry; BS, PhD Cordoba (Argentina)
Nadezhda Kobko-Litskevitch, Doctoral Lecturer, PhD CUNY
Louis Massa, Professor, Chemistry; BS Lemoyne, MS Clarkson, PhD Georgetown
Hiroshi Matsui, Professor, Chemistry; BS Sophia, MS Stanford, PhD Purdue

David R. Mootoo, Professor, Chemistry; BSc, MPhil West Indies, PhD Maryland
Gabriela Smeureanu, Doctoral Lecturer, PhD CUNY
Rein Ulijn, Professor, BS, MS Wageningen University, PhD University of Strathclyde, UK
Yujia Xu, Assistant Professor, Chemistry; BS Lanzhou (China), PhD Connecticut
Brian Zeglis, Assistant Professor, Chemistry, BS Yale University, PhD Caltech
ShengPing Zheng, Assistant Professor, PhD Columbia

Return to the Department of Chemistry

\section*{Chemistry Roadmap}

\begin{tabular}{|c|c|c|}
\hline & - MATH 25000 - Calculus with Analytic Geometry III & \\
\hline \[
\begin{aligned}
& \text { Year } \\
& 3
\end{aligned}
\] & \begin{tabular}{l}
- CHEM 35200 - Physical Chemistry I \\
- CHEM 35400 - Physical Chemistry II - F \\
- CHEM 35500 - Physical Chemistry Laboratory I \\
- CHEM 291
\end{tabular} & \begin{tabular}{l}
- CHEM 34900 - Instrumental Analysis \\
- CHEM 35600 - Physical Chemistry II - S \\
- CHEM 35700 - Physical Chemistry Laboratory II \\
- CHEM 291 or 491
\end{tabular} \\
\hline \[
\begin{aligned}
& \text { Year } \\
& 4
\end{aligned}
\] & \begin{tabular}{l}
- CHEM 37600 - Biochemistry I \\
- CHEM 36600 - Inorganic Chemistry \\
- CHEM Level 300
\end{tabular} & \begin{tabular}{l}
- CHEM 37700 - Biochemistry II \\
- CHEM 37800 - Biochemistry Laboratory \\
- CHEM 38800-Topics of Current Interest in Chemistry \\
- CHEM 39000 - Current Laboratory Methods in Chemistry
\end{tabular} \\
\hline
\end{tabular}

Total: 41 Cr. in Chemistry
26 Credits in Math \& Physics

\section*{Children's Learning Center}

The Children's Learning Center at Hunter College offers a rich, developmentally appropriate environment for your child while you attend classes. The staff members are highly qualified to provide experiences and activities necessary for your child's development. The Center has two programs: Preschool (aged 2.5-5), and After-school (aged 6-12). Any Hunter student who is the parent or legal guardian of a child is eligible for this program. Students can be part time, full time, undergraduate, or graduate. Fees operate on a sliding scale and financial assistance is available to eligible students. Apply in person or online.

Website: www.hunter.cuny.edu/studentservices/clc
E-Mail: clc@hunter.cuny.edu

\section*{City University of New York Administration}
return to: Section I: Introduction

\section*{The City University of New York}

\section*{Board of Trustees}

\author{
William C. Thompson, Jr., Chairperson \\ Wellington Z. Chen \\ Una S. T-Clarke
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Rita DiMartino
Fernando Ferrer
Judah Gribetz
Mayra Linares-Garcia
Robert Mujica
Brian D. Obergfell
Jill O'Donnell-Tormey
Barry F. Schwartz
Charles A. Shorter
Ken Sunshine
Sandra Wilkin
Chika Onyejiukwa, ex officio
Katherine M. Conway, ex officio

\section*{Chancellor}

James B. Milliken

\section*{Executive Vice Chancellor and University Provost}

Vita C Rabinowitz

\title{
Vice Chancellor for Facilities Planning, Construction, and Management
}

Judith Bergtraum

\section*{Senior Vice Chancellor and Chief Financial Officer}

Matthew Sapienza

\section*{Vice Chancellor for Human Resources Management}

Gloriana B. Waters

\section*{Acting General Counsel and Vice Chancellor for Legal Affairs}

Jane Sovern

\section*{Vice Chancellor and University CIO}

Brian Cohen
Vice Chancellor for Labor Relations

\title{
Interim University Vice Provost for Research
}

Mark E. Hauber

\section*{Interim Vice Chancellor for Student Affairs}

Christopher Rosa

\section*{Classical and Oriental Studies}

Return to the Faculty of the School of Arts and Sciences

Arabic Studies

Alexander E. Elinson, Associate Professor, Arabic Studies, Classical and Oriental Studies; BA Massachusetts, MA Washington, MPhil, PhD Columbia

Christopher Reed Stone, Associate Professor, Arabic Studies, Classical and Oriental Studies; BA Haverford, MA, PhD Princeton

\section*{Chinese Studies}

Mary Anne Cartelli, Associate Professor, Chinese Studies, Classical and Oriental Studies; BA Oberlin, MA, PhD Columbia

Der-Lin Chao, Professor, Chinese Studies, Classical and Oriental Studies; BA, MA FuJen (China), EdM Teachers College, Columbia, PhD NYU

Wei-Yi Cheng, Lecturer, Chinese Studies, Classical and Oriental Studies; MA New York University
Fang Dai, Associate Professor, Chinese Studies, Classical and Oriental Studies; BA East China Normal, MA, PhD Michigan (Ann Arbor)

Bo Hao, Lecturer, Chinese Studies, Classical and Oriental Studies; MA Hunter

Bing Ying Hu, Lecturer, Chinese Studies, Classical and Oriental Studies; BA Skidmore, MA Hunter

\section*{Classical Studies}

Anna Ayse Akasoy, Associate Professor, Arabic Studies, Classical and Oriental Studies; BA, MA, PhD, Johann Wolfgang Goethe-University, Frankfort

Ronnie Ancona, Professor, Classical Studies, Classical and Oriental Studies; BA, MA Washington, PhD Ohio State
Robert B. Koehl, Professor \& Chair, Classical Studies, Classical and Oriental Studies; BA Pomona, PhD Pennsylvania

Lawrence Kowerski, Associate Professor, Classical Studies, Classical and Oriental Studies; BA Gettysburg, MA, PhD Rutgers

David Petrain, Associate Professor; PhD, Harvard; Latin Poetry, Hellenistic Greek Literature, Roman Visual Culture
Joanne M. Spurza, Associate Professor, Classical Studies, Classical and Oriental Studies; BA Bryn Mawr, MA, PhD Princeton

\section*{Hebraic and Judaic Studies}

\title{
Yitzhak Berger, Professor, Hebraic and Judaic Studies, Classical and Oriental Studies; MA, PhD Yeshiva
}

\section*{Japanese Studies}

Sue A. Kawashima, Lecturer, Japanese Studies, Classical and Oriental Studies; BA, MA Columbia

Russian and Slavic Studies

Yasha Klots, Assistant Professor, Russian and Slavic Studies; MA Boston, MPhil, PhD Yale
Nadya L. Peterson, Associate Professor, Russian and Slavic Studies, Classical and Oriental Studies; MA Moscow State, MA, PhD Indiana

Return to the Department of Classical and Oriental Studies

\section*{CLEP}

Hunter College participates in the College Level Examination Program (CLEP), under which registered Hunter matriculated students can receive college credit by taking CLEP Subject Examinations. Only the subject Examinations listed in our CLEP Examinations handbook are honored. Please see the handbook for the Hunter's minimum qualifying score for each exam.

Hunter College does NOT accept CLEP GENERAL EXAMINATIONS. No student can earn more than 30 credits for CLEP plus AP, IB credit.

\section*{College Bookstore}

1st Floor
Hunter West
(212) 650-3970

Hunter has a new vendor for the bookstore at the college. Follett has taken over as Hunter's bookstore and has been on campus since October \(19^{\text {th }}\). They have and will be accepting book adoptions for the spring 2012 semester.

The bookstore stocks required, supplementary and recommended text books (new, used, digital and rental), regulation school supplies, special course requirements and other academic and nonacademic items. The bookstore processes
orders for textbooks and clothing/gifts online at Hunter College Bookstore and accepts most forms of payment. The store also purchases used student textbooks at the end of each term.

\section*{College Calendar: Schedule of Final Examinations}

A final examination is required in each course at the college during the examination period scheduled by the registrar, except in those courses in which the department has ruled that no examination shall be given. Since the final examination week is part of the semester hour requirement as mandated by the State Education Department, the period scheduled for final examinations should be used either for the final examination in the course or as an instructional period.

Students in an examination room may not have in their possession or within their reach any books or papers except those permitted by the instructor for use in the examination. Notes normally carried in pockets or handbags should be placed completely out of reach.

Students taking a drawing examination should bring their own implements. Students are not to possess an examination book at any time except during the examination period. Students should carefully fill out all information asked for on the front cover of every examination book used. If scratch paper is needed, students should use the back pages of the examination book; no other paper of any kind is to be used. All matter that is not intended to be read and marked by the examiner should be crossed out (but not torn out) before the examination book is handed in. No pages are to be torn from examination books.

The student is responsible for making sure that the instructor receives the examination book. Students may leave the examination room as soon as they finish. Quiet should be maintained in passing through the halls.

Students obliged to withdraw from an examination because of illness will be counted as absent from the examination and are permitted to take an absentee examination, as explained in the section on Incomplete Work in Course.

For information on absence from final examination for other reasons, see section on Incomplete Work in a Course .

\section*{College Credit Exams}

There are a variety of exams available for high school students to gain college credit before they enroll. Currently, Hunter College accepts the Advanced Placement (AP) exam, the International Baccalaureate (IB) exam, GCE (The General Certificate of Education Advanced Level generally termed the GCE Advanced Level or more commonly the A-level). Hunter students may be granted as much as a year of degree credit (normally 30 credits) for Advanced Placement, International Baccalaureate, GCE, College -Level Examination Program (CLEP),Regent College Examinations (RCE), and College-Level coursework. College-Level Coursework Students who completed collegelevel coursework offered by an accredited senior or community college while in high school will receive credit for courses in which grades of C or better are earned. Official College transcripts must be submitted to the Office of Admissions at Hunter for credits to be awarded. Students must make sure they don't sign up for the same classes once they matriculate here.

\section*{College Governance}
return to: Section I: Introduction

Hunter College has several governing assemblies, most of which provide for student participation.

\section*{The Hunter College Senate}

\author{
Room 1018 Hunter East
}

The Hunter College Senate, chartered in 1970, is the principal governance body of the college and the only such body that holds a Governance Charter with the CUNY Board of Trustees. The Senate has authority to determine college policy in matters related to:
1. Curriculum
2. Academic requirements and standards
3. Instruction and the evaluation of teaching
4. College development, including master plan
5. Computing and technology

Representatives of the faculty, student body and administration constitute the voting membership of the Senate and serve for a term of two years. The elected officers of the Senate include the chairperson, vice-chairperson, secretary and the chairperson of the Evening Council, who constitute the Senate Administrative Committee. There are 18 standing committees and a varying number of special and ad-hoc committees. These committees accomplish much of the work of the Senate. Reports and Resolutions from these committees are discussed and voted on at Senate meetings. Membership on committees is representative and open to all faculty and students by election of the full Senate from a slate recommended by the Nominating Committee and by member nominations from the Senate floor.

Regular meetings of the Senate are planned for two hours and are held twice a month. Additional monthly meetings may be called as needed.

Election of faculty and student membership to the Senate occurs during the spring semester.
Faculty members and students are encouraged to become involved in the meetings of the Hunter College Senate and its committees.

Further information may be obtained by visiting the Senate Office.

\section*{The Faculty Delegate Assembly}

Room 1414 Hunter East
All Hunter faculty, full and part-time, are members of the Faculty Delegate Assembly, which serves to address faculty concerns regarding teaching, research, and the quality of professional life at Hunter and CUNY. We provide a forum for free and open consideration of significant issues at monthly general meetings. Each academic department in the college elects two members to attend these events, which are also open to all other members and usually include invited speakers from both inside and outside of the college. The FDA also hosts a coffee service in the faculty lounge at the 68th Street campus on most afternoons, organizes social events each semester, publishes a newsletter, The Faculty Voice, and is responsible for periodic updates of the Faculty Handbook.

\section*{The Student Governments}

Undergraduate Room 121 Hunter North

\section*{Graduate Room 218 Thomas Hunter}

These elected student groups have an essential role in the life of the college by allocating the Student Activity Fee, as well as facilitating the chartering of student organizations. All of the elected officers serve as student representatives on
campus-wide committees concerning matters of college policy. A few are Senators in the Hunter College Senate, while others are elected to serve as delegates and alternates at the University Student Senate (USS) meetings.

The objective of these student officers is to lead by example in fostering diversity and supporting the exchange of peaceful dialogue among the varied constituents on Hunter's many campuses.

\section*{Hunter College Ombudsman}

Room 1016 Hunter East
The ombudsman is empowered by the Hunter College Governance Charter to investigate complaints and grievances by any member of the college community (student, faculty, staff, or administration) about a problem or condition in the college. When requested and where possible, the anonymity of a complainant will be protected and names will not be used in any reports the ombudsman may make.

When someone feels unfairly treated or unjustly disadvantaged, the ombudsman can advise the person of the available appeals procedures, recommend corrective action to be taken by the appropriate college officers, or recommend changes in college procedures or regulations that would eliminate such injustices in the future.

The ombudsman may be reached at ombuds@hunter.cuny.edu or at (212) 772-4203.

\section*{Faculty Personnel and Budget Committee (FP\&B)}

Composed of the president, the provost and the chairs of departments, FP\&B is concerned with appointment, reappointment, promotion and other faculty personnel matters.

\section*{Departmental Committees}

Each department has bylaws approved by the Senate. These bylaws provide for a number of committees, most of which are open to student members. Further information is available in the appropriate departmental office.

\section*{College Name}
return to: Section I: Introduction

The official name of the college, which must be used in correspondence and on application forms for employment, admission to graduate school and transfer to other institutions, is "Hunter College of The City University of New York." Merely referring to "The City University of New York" or "CUNY" will result in the correspondence or application being sent to the Board of Trustees, thereby causing delay in processing.

\section*{College Now}

Students at New York City public high schools may acquaint themselves with undergraduate life by participating in Hunter College Now. Activities range from workshops for sharpening writing or mathematics skills to college-level courses across the arts and sciences. Each summer, Hunter College Now focuses on the sciences and mathematics by hosting high-performing students at the Summer Institute for accelerated coursework that is complemented by tutoring,
college guidance and co-curricular activities. Admission to college-level courses offered through College Now is competitive. To qualify for college-level coursework, including the Summer Institute, a student must demonstrate mastery of basic mathematics and/or verbal skills, depending on the discipline, as measured by the SAT, PSAT and English language arts and mathematics Regents exams. College Now offerings, including credit-bearing courses, are provided at no cost.

\section*{College Preparatory Initiative}

Students who graduated from high school in spring 1993 or later are required to satisfy a set of prescribed educational competencies known as the College Preparatory Initiative (CPI). Students who do not satisfy the Initiative through coursework taken while in high school take appropriate college-level courses to meet the requirement. See the Admissions section of this catalog for CPI requirements.

\section*{College Regulations}
return to: Section V: Institutional Policies
Students should be aware of the following regulations:
- Students may not have personal or business mail or telegrams addressed to them at the college.
- The college cannot deliver messages to students except in cases of grave emergency.
- If a student has a visitor, a visitor's pass from the Office of Student Services is required.
- Students are required to present proper identification (Hunter ID Card) upon the request of any college official.
- The college does not provide a check-cashing service.
- No student or outsider may use any part of the college buildings (including bulletin boards) for soliciting or selling any merchandise without written permission from the dean of students, or operating a business for personal gain within the college..
- No student may be a self-appointed representative of the college.
- No pets or animals (except seeing-eye dogs and certified service dogs) may be brought into college buildings.
- The use, possession and/or distribution of hallucinogenic drugs, barbiturates, amphetamines, narcotics and other dangerous drugs is prohibited by law and therefore by college regulations.
- Only wine and beer may be served at student sponsored functions. A representative of the sponsoring group must be present at the bar to assure compliance with the minimum drinking age.

\section*{Comparative Literature Faculty Committee}

Return to the Faculty of the School of Arts and Sciences

Sarah Chinn, Associate Professor and Chair, English; PhD Columbia
Chris Stone, Associate Professor, Arabic Division, Classical and Oriental Studies; MA, PhD Princeton
Paolo Fasoli, Associate Professor and Chair, Romance Languages (Italian); Dottore in Lettere Universita' di Roma II (Italy), PhD Toronto (Canada)

Robert Koehl, Professor, Classics Division and Chair, Classical and Oriental Studies, PhD University of Pennsylvania

Elke Nicolai, Associate Professor and Chair, German; BA, MA, PhD Siegen (Germany)
Anselmo Di Iorio, Associate Professor, French; BA Grinnell, MA, PhD Pennsylvania

Return to the Comparative Literature Program

\section*{Computer Science}

Return to the Faculty of the School of Arts and Sciences

Debroy, Saptarshi, Assistant Professor; PhD, Central Florida; Cyber-security, big data networking, distributed and cloud computing, wireless networking.

Epstein, Susan L., Professor; PhD, Rutgers; Problem solving, machine learning, cognitive modeling, knowledge representation, constraint satisfaction programming, bioinformatics.

Khatchadourian, Raffi, Assistant Professor; PhD, Ohio State; Software engineering and software security, formal methods, automated software evolution, static and dynamic program analysis.

Mneimneh, Saad, Assistant Professor; PhD, Massachusetts Institute of Technology; Fast network switches, optical routing, graph problems, and computational biology.

Sakas, William G., Associate Professor and Chair; PhD, CUNY Graduate Center; Cognitive science, computational models of language acquisition, computational linguistics.

Schaffer, Cullen, Associate Professor; PhD, Rutgers; Computation-intensive approaches to data analysis.
Schweitzer, Eric, Lecturer; MA, SUNY at Stonybrook; Theory of computation, logics of knowledge and probabilistic reasoning.

Shankar, Subash, Associate Professor; PhD, Minnesota; Software engineering, formal methods, automated reasoning, system modeling, analysis and verification.

Stamos, Ioannis, Associate Professor; PhD, Columbia; Computer vision and computer graphics, range sensing, 3-D modeling; range segmentation, sensor fusion, range-range and range-image registration.

Weiss, Stewart N., Associate Professor; PhD, NYU; Software testing, analysis verification, reliability theory, parallel architecture and computing.

Vazquez-Abad, Felisa, Professor; PhD, Brown; Stochastic optimization, modeling and simulation of random processes, statistical estimation of sensitivity for discrete event systems, applied probability, applications of decision making.

Xie, Lei, Associate Professor; PhD, Rutgers; Computational techniques to study the structure, function, dynamic, and evolution of molecular interactions. Bridging the basic sciences with clinical research.

Xu, Jia, Assistant Professor; PhD, Technical University of Aachen (Germany); Computational linguistics, natural language processing, artificial intelligence, machine translation, machine learning.

Zamfirescu, Christina, Professor; PhD, Technical University of Aachen (Germany); Graph theory, algorithms on graphs, transformation networks, discrete mathematic, intersection digraphs, evaluating complexity in chemical topology using graph theory.

\section*{Return to the Department of Computer Science}

\section*{Continuing Education}

Continuing Education at Hunter College offers non-credit courses for adults in a variety of disciplines. Classes in academic skill development, test preparation (for GED, GRE, GMAT, LSAT), personal finance, nursing, foreign languages, creative writing, social dance, fitness, computers, business and professional development. A variety of Professional Certificate Programs-such as Interpretation/Translation, Legal Studies, Medical Coding and Billing, and Graphic Design-are also offered. Whether students are new to the workforce, looking for a career change or simply looking to learn a new skill, our continuing education programs are designed to enhance professional development and personal enrichment. For more information about the classes offered, call (212) 650-3850 or visit the Continuing Education Web site at www.hunter.cuny.edu/continuinged.

\section*{Counseling \& Wellness Services}

1123 East (212) 772-4931
hunter.cuny.edu/studentservices/pcs
Counseling Services offers free and confidential assessment and short-term counseling to enrolled Hunter College students. Professional counselors assist students with personal and emotional difficulties that may interfere with academic progress and success. Additional services include crisis intervention and referrals to community agencies and resources. Counselors are also available to provide consultation services to the entire Hunter College community.

Wellness Services maintains two divisions: Health Services and Health Promotion \& Education.
- Health Services is responsible for processing student immunization records, and also offers a variety of preventative health screens and access to health-related resources. In addition, Health Services distributes physical activity cards (PAC) required for use in all recreation programs and facilities. 307 Hunter North (212)-772-4800
- Health Promotion \& Education aims to enhance and advance the health and wellness of students in support of personal and academic success. Health Educators conduct outreach to educate students about healthrelated topics and the relationship between mental health and wellbeing and academic functioning and success, equip students with knowledge and skills to make informed and proactive decisions regarding their health, and assist in developing healthy lifestyle habits. 307 Hunter North (212)-772-4909

\section*{Courses at Other Accredited Institutions (ePermit)}

Currently enrolled degree students may take courses at other accredited institutions (CUNY or other) provided the appropriate procedures are followed.

A department may refuse to authorize a permit if, in its judgment, it is inappropriate to do so.

For more information on Permits and Epermits, please visit the One Stop web page at www.hunter.cuny.edu/onestop and under the Registration column select Taking a Course Outside Hunter.

Students wishing to apply for courses at another CUNY campus may do so by submitting an E-permit via CUNY First. At the Student Center page, use the drop down menu and click on epermit to begin the process. Students wishing to register for courses at non-CUNY institutions must complete a permit form to attend another college. The form is available in the Records Unit of the Office of the Registrar, 223 Hunter North Building (at the 68th Street campus)

In all cases, permits are authorized by the appropriate department and administered by the Office of the Registrar.
It is the responsibility of students who study at other institutions to have official transcripts of their work sent to the Office of the Registrar as soon as grades are posted. Effective fall 2004, grades for courses taken on permit at CUNY schools are posted to the student's record and are computed in the GPA. All permit credits must be posted to student's Hunter transcripts prior to graduation.

Note: Hunter students are advised not to take courses on permit during their final semester prior to graduation.

\section*{Courses in Human Rights}

\section*{Human Rights}

\section*{About the Program}

Program Description

\section*{Programs and Courses in Human Rights}

Programs and Courses in Human Rights

\section*{Administration and Faculty}

\author{
Director of the Human Rights Program and Program Adviser: \\ Lawrence C. Moss, Distinguished Lecturer \\ Roosevelt House-RH 404 \\ 212-396-6564 \\ lawrence.moss@hunter.cuny.edu \\ http://www.roosevelthouse.hunter.cuny.edu/hrp/ \\ Policy and Curriculum Committee Chair \\ Leonard Feldman, Associate Professor, Political Science \\ 1702 West \\ lfeldman@hunter.cuny.edu \\ http://www.roosevelthouse.hunter.cuny.edu/hrp/
}

\section*{Faculty Advisory Committee}

Human Rights Faculty

\section*{HR 12000 - Special Topics in Human Rights}

This course covers special topics in human rights. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. The course may be repeated four times for credit with different topics.
prereq: ENGL 12000; HR 20000 is recommended but not required
3 hrs
3 cr .

HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)
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Pluralism and Diversity
PD/D
GER
3/B

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An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.
prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.
3 hrs
3 cr.
fall and spring; summer when possible

\section*{HR 25000 - Human Rights Internship}

This is a practicum course. It involves students participating in an organization that identifies its mission as the promotion of human rights. The aim of the course is to educate students in the practical dimension of translating human rights discourse and law into practice. The course is required for students seeking a Human Rights Certificate or a minor in Human Rights.
prereq: ENGL 12000 or equivalent; HR 20000 or equivalent
3 hrs
3 cr .
fall, spring, and summer

\section*{HR 26000 - Human Rights Internship Seminar (W)}

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.
prereq: ENGL 12000 and HR 20000
prereq or coreq: HR 25000
3 hrs
3 cr .
fall semesters on Wednesdays, 10:10 a.m. - 1:00 p.m. It is recommended that students not take an earlier Wednesday
morning class, as site visits off campus may start at 10:00 a.m.

\section*{HR 32000 - Special Topics in Human Rights}

This course covers special topics in human rights on an advanced undergraduate level. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. May be repeated four times for credit with different topics.
prereq: ENGL 12000; HR 20000 or Permission of Instructor or Permission of Human Rights Program Director
3 hrs
\(3 c r\).

\section*{HR 35000 - Human Rights Capstone Seminar (W)}

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a \(20-25\) page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.
prereq or coreq: HR 26000
Offered spring 2012; not offered fall 2011

\section*{Courses in Nursing}

\section*{Hunter-Bellevue School of Nursing}

\section*{About the School}
- Brief History
- Nursing: Brief School Description
- Programs Offered School of Nursing
- The Health Professions Education Center (HPEC)

\section*{Programs and Courses}
- Programs and Courses in Hunter-Bellevue School of Nursing

\title{
Admission Requirements (all Programs) and Policies
}
- Admission Requirements (all Programs)
- Admission Requirements to Nursing Programs
- GPA Requirements for Nursing Programs
- Attendance Requirements for Nursing
- Grading Policy for Nursing Courses

\section*{Licensing and Accreditation}
- Accreditation
- Licensing

\section*{Administration and Faculty}
- Hunter-Bellevue School of Nursing Administration

\section*{Faculty}

Faculty of Hunter-Bellevue School of Nursing
HEGIS Codes: 1203 (Generic); 1203.10 (RN to BSN)

\section*{NURS 20000 - Introduction to Nursing}

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced. RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

\section*{NURS 21000-Nursing Fundamentals and Health Assessment}

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.
prereq: CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 20000; NURS 24000;
(A2D): NURS 20000; NURS 22000; NURS 33100

30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr.

\section*{NURS 22000 - Adult Health and IIIness}

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical

4 cr .

\section*{NURS 24000 - Foundations of Genetics for Nurses}

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.
For RN to BS students only.
Fully online/hybrid.
prereq: CHEM 10000/10100; STAT 11300
coreq: NURS 20000; NURS 21000
30 hrs. lecture
2 cr .

\section*{NURS 33100 - Pharmacology I}

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .

\section*{NURS 33200-Normal and Therapeutic Nutrition in the Nursing Process}

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
prereq: NURS 22000
30 hrs
2 cr.

\section*{NURS 33400 - Pathopharmacology}

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management.
prereq: CHEM 10000/10100; BIOL 23000
4 hrs
4 cr.

\section*{NURS 33900 - Pharmacology II}

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000
45 hrs. lecture
3 hrs .

\section*{NURS 34000 - Women's Health}

\section*{Pluralism and Diversity}

PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr .

\section*{NURS 34200 - Ethical Issues in Nursing Practice}

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
\(3 c r\).

\section*{NURS 34300 - Pathophysiology and Nursing Care}

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr .

\section*{NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers}

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.
3 hrs
3 cr .

\section*{NURS 34600 - Death and Dying}
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Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3cr.

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\section*{NURS 34900 - Foundations of Ethics and End-of-Life Care}

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3 ) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "ELNEC Trained."
prereq: NURS 22000, NURS 24000, NURS 38000
coreq: NURS 34300; NURS 36000
45 hrs. lecture
3 hrs.

\section*{NURS 35000 - Independent Study in Nursing}

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.

\section*{NURS 35100-Gender, Science and Technology}

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr .
NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

\section*{NURS 36000 - Nursing Care of Infants, Children, and Adolescents}

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical

4 cr.

\section*{NURS 37900-Nursing and Societal Forces in the Health Care Delivery System}

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.
Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

\section*{NURS 38000-Nursing Research and Theory}

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .
NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \(\$ 45\)
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr.

\section*{NURS 38400 - Nursing Culturally Diverse Families}

\section*{Pluralism and Diversity}

PD/B
Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr.

\section*{NURS 39998 - Urban Disaster Response and the Health Care Team}

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
3 cr .

\section*{NURS 42000 - Nursing Leadership and Ethics}

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr .

\section*{NURS 42200 - Health Policy and Leadership}

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
45 hrs: Lecture
3 cr .

\section*{NURS 42300 - Foundations of Ethics and Palliative Care}

An introduction to ethics and palliative care in nursing.
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prereq: CHEM 10000/10100; STAT 11300

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3 hrs
3 cr .

\section*{NURS 44000 - Stress Management for Nurses}

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
\(3 c r\).

\section*{NURS 44100 - Selected Studies in Nursing Research}

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs .
3 cr .

\section*{NURS 44200 - Nursing Care of Acute and Critically III Clients}

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
\(3 c r\).

\section*{NURS 44500 - Teaching-Learning Across the Developmental and Health Continua}

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr .

\section*{NURS 45000 - Computer Concepts and Application in Nursing}

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
\(3 c r\).

\section*{NURS 45500 - Public Health Nursing}

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr .

\section*{NURS 46000-Mental and Behavioral Health Nursing}

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

\section*{NURS 47000 - Adult Acute Illness/ Immersion Clinical}

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr .

\section*{NURS 48000 - Promotion of Wellness in the Community}

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
\(4 c r\).

\section*{NURS 48200 - Advancement of Roles and Relationships in Professional Nursing}

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .
NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr .

\section*{NURS 49000 - Gerontological Nursing}

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

\section*{NURS 49100 - Gerontology for Nurses}

This course provides a knowledge and skill base for effective nursing care of older adult clients.
prereq: CHEM 10000/10100
3 hrs
3 cr.

\section*{NURS 49200 - Advanced Synthesis of Nursing Knowledge}

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab

2 cr .

\section*{NURS 49500 - Writing for Health Professionals: A Course for Undergraduates}

In this course, students explore and refine their powers of observation, description, and expression through writing. Students engage in prompted narrative writing exercises and produce new out-of-class writings that are discussed in small groups and revised. The cultural and personal context in which writing is produced and read is emphasized. Scholarly and literary works are discussed, as are blogs. Students are guided to explore and test strategies for overcoming personal challenges to timely, effective writing.

45 hrs .
3 cr .

\section*{Courses in Public Policy}

\section*{Public Policy}

\section*{About the Program}

The Program in Public Policy is an 18-credit undergraduate minor open to students in all disciplines. Students also have an option to receive a Certificate in Public Policy by taking 9 additional credits (for a total of 27 credits).

The Roosevelt House public policy program is based on the understanding that the preparation of informed individuals is the key to a vibrant participatory democracy. The program prepares students by providing essential research and rigorous analytical skills that are important goals of a strong liberal arts education. Our graduates are unique; they span many majors from Anthropology to Psychology, Chinese and Classics to Biology. Students have an opportunity to interact first-hand with policy experts and practitioners in New York City and Washington, DC, both in the classroom and outside, and learn how policies are created, how communities come together to demand change, who benefits from specific policies, and how to best measure the impact of laws. These are important skills that enable graduates to embark on careers in public affairs and the nonprofit sector, or remain engaged in public affairs-nationally and globally—regardless of their stated major and career aspirations.

To enroll in the public policy minor ( 18 credits) or certificate ( 27 credits), a student must have completed at least 45 credits of undergraduate study, with a minimum GPA of 3.0. Students must maintain a 3.0 GPA and receive a grade of B or higher in their public policy courses to remain in the program.

\section*{Courses}

Courses in Public Policy
PUPOL 10000 - Introduction to Public Policy
PUPOL 40000 - Capstone Seminar (Open only to Public Policy students)

\section*{Administration and Faculty}

\section*{Program Contact:}

Shyama Venkateswar, Ph.D.
Director of the Public Policy Program and Distinguished Lecturer
Roosevelt House
(212) 396-7935
shyama.venkateswar@hunter.cuny.edu

\section*{Public Policy}

The Program in Public Policy is an 18-credit undergraduate minor open to students in all disciplines. Students also have an option to pursue 9 additional credits (for a total of 27 credits) to receive a Certificate in Public Policy upon graduation. The Roosevelt House program is based on the understanding that the preparation of informed citizens is essential to a healthy democracy and an important aspect of a liberal arts education. Unlike most graduate programs in public policy that are designed to prepare people for careers in the public and nonprofit sectors, the undergraduate program at Roosevelt House provides students with knowledge and skills that enable them to be active participants in a democratic society. Many of its graduates will undoubtedly go on to careers in the public and nonprofit sectors. Capable citizenship, however, is required in all walks of life; therefore the program can benefit all students regardless of their stated major, career goals, or personal objectives. To enroll in the public policy minor ( 18 credits) or certificate ( 27 credits), a student must have completed at least 45 credits of undergraduate study, with a minimum G.P.A. of 3.0.

\section*{Minor in Public Policy}

An 18-credit undergraduate minor in public policy is open to students in all disciplines.

\section*{Core Requirements}

\section*{PUPOL 10000 - Introduction to Public Policy}

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines. Writing Requirements:This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House
prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr .

\section*{PUPOL 40000 - Capstone Seminar}

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.

3 hours
3 credits
Introduction to American Government and Politics

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\section*{Hunter Core}

US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .
One Course in Economic Analysis

\section*{ECO 20000 - Principles of Microeconomics}

\section*{Hunter Core}

Scientific World (SW)
GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

One Course in Quantitative Analysis

\section*{ECO 22100 - Economic Statistics}

\section*{Hunter Core}

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

\section*{POLSC 20600 - Research Design in Political Science (W)}

\section*{GER}

3/B
Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{SOC 24000 - Introduction to Research Methods}

\section*{GER}

3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
\(3 c r\).
One Course in Normative, Ethical, and Value Analysis. Such courses include but are not limited to:

\section*{PHILO 10600 - Philosophy, Politics and Society}
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Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.

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3 hrs
3cr.
offered each semester

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\section*{PHILO 24400 - Moral Philosophy (W)}

\section*{GER}

3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PHILO 10400 - Introduction to Ethics}
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Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C

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Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

\section*{SOC 21800 - Social Inequality}

\section*{GER}

3/B

Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .

\section*{POLSC 31100 - Utopian Theory (W)}

\section*{GER}

3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.
3 hrs
3 cr .

\section*{GER}

3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{Substantive Policy Specialization}

For the Public Policy Certificate each student will take the 6 core courses ( 18 credits) and will be required to declare a substantive area of specialization comprised of 3 courses ( 9 credits) of additional course work. These may be grounded in a particular discipline or disciplines. Or a student may use the substantive specialization to take advantage of clusters of expertise that exist across several Hunter departments. Examples of the latter include (but are not limited to) immigration, health, aging, gender studies, macroeconomics, public finance, economic development, race and ethnicity, public law, human rights, ethics, international relations, international trade, education, urban affairs, environmental studies, employment, and social services. Courses designated for the substantive specialization need approval by the faculty advisor.

\section*{Additional Opportunities}

Hunter College offers other unique opportunities to its students. These options are designed to enrich the student experience in policy curriculum.

\section*{Generic Policy Courses}

Advanced courses which build on the knowledge and skills acquired in the core courses and are applicable to students in a wide range of substantive specializations.

\section*{Internships}

Undergraduate internship programs currently exist in a number of academic departments which are designed to give students a chance to work in a policy-related institutional setting outside the university, either in a government agency, nonprofit, think tank, or advocacy group. Some carry compensation, others are voluntary.

\section*{Policy Colloquia}

A colloquium series will be launched at Roosevelt House that will allow students and faculty to come together several times a semester to discuss public policy issues. Guest speakers, including scholars and practitioners, with relevant expertise will be invited to discuss topics of the day either individually or in panels.

\section*{Public Policy}

\section*{PUPOL 10000 - Introduction to Public Policy}

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students
with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines. Writing Requirements:This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr .

\section*{PUPOL 40000 - Capstone Seminar}

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.
3 hours
3 credits

\section*{Courses in Thomas Hunter Honors Program}

\section*{Thomas Hunter Honors Program}

\section*{Thomas Hunter Honors Program}

\begin{abstract}
The interdisciplinary Thomas Hunter Honors Program provides some outstanding undergraduate students with a course of study suited to their individual needs and interests. Students selected for the Thomas Hunter Honors Program must show evidence of high academic potential, interdisciplinary interests and intellectual curiosity, as well as the willingness to explore unfamiliar fields and to accept challenges.

Students may apply for admission to the program on their own or they may be invited to participate in recognition of their outstanding academic records. Many graduates of the Thomas Hunter Honors Program go on to PhD programs in the various arts and sciences, or to law, medical and other professional schools. Others choose careers in a wide variety of professional, artistic and business fields.
\end{abstract}

\section*{College Requirements}

The Thomas Hunter Honors Program requires that students maintain breadth in their programs, create a significant pattern of courses in at least two academic areas of investigation (Humanities and Arts, Social Sciences, Sciences and Mathematics), including at least one laboratory science course. All programs must be approved every semester by a Council adviser.

Students entering Hunter in fall 2013 or later, are required to complete the College's Common Core requirements. Note that all colloquia in the 200 or 300 series are "W" courses.

\section*{Courses}

\title{
Administration and Faculty
}

\section*{Program Coordinator:}

Sarah R. Jeninsky
(212) 772-4127
thhp@hunter.cuny.edu

\section*{Program Office:}

1421 West
(212) 772-4127

Web site: http://hunter.cuny.edu/thhp

\section*{Faculty}

Thomas Hunter Honors Program Faculty

\section*{Honors}

\section*{Thomas Hunter Honors Program}

\section*{Major}

Students in the Thomas Hunter Honors Program who wish to design an interdisciplinary major for themselves may do so in consultation with the appropriate Council adviser. The final transcript of such students designates the major as "Special Honors Curriculum." Most students in the Thomas Hunter Honors Program, however, elect to fulfill the requirements for one or more specific departmental majors. These students abide by departmental criteria for the major, and are expected to pursue departmental honors in their major. Their final transcript records the major as Special Honors Curriculum/Specific Department. Whatever their major concentration, all students in the Program must also successfully complete three special interdisciplinary honors colloquia (see further on) and maintain a cumulative grade point average of 3.5 or better until their final certification into the Program. Certification usually occurs in the student's junior year, when the Council, ruling on each case individually, decides that the student's continuing academic distinction, commitment to interdisciplinary work, and promise of future productivity warrant permanent membership in the Thomas Hunter Honors Program.

Thomas Hunter Honors Program students meet regularly in 200-level and 300-level colloquia, led by members of the Council on Honors and by other invited members of the faculty. Students take a minimum of three colloquia, one of
which must be at the 200 -level, and one of which must be at the 300 -level. While the specific content of these courses varies from semester to semester, the underlying principles remain the same.

The 200-level colloquium is taught by one professor, often a member of the Council on Honors, who studies a specific theme using the materials and methodologies of at least two disciplines. Students may take more than one of these colloquia if they so desire, but at least one must be taken during their first year in the Program. The 300 -level honors colloquia are special seminars, usually conducted by two professors, devoted to topics lending themselves to broad interdisciplinary investigation. One of the required three colloquia must be a \(300-\mathrm{level}\).

The colloquia offer breadth of exposure, but, even more importantly, they seek to demonstrate how knowledge gained from a variety of disciplines can be related and integrated in an effort to understand complex processes and phenomena. In all colloquia, students write at least one major paper, in which they apply the methodology of the course to material of particular interest to them.

Upon completion of 90 credits, Thomas Hunter Honors students may also be admitted by the Council to Advanced Interdisciplinary Studies, with the opportunity of engaging in advanced independent study under the Council's supervision. A thesis or other appropriate report of the results of the student's research is presented to the Council.

\section*{Thomas Hunter Honors Program}

\section*{HONS 20100 - Sophomore Honors Colloquium (W)}

\section*{Pluralism and Diversity \\ PD/D \\ Sample topics: Integrating the Irrational; Dante's World; Language, Learning, and Computation; Law and Literature; The Gothic; Ethics in Public Health. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser. \\ prereq: perm dept. \\ 3 hrs \\ 3 cr .}

HONS 30100 - Upper-Level Honors Colloquium (W)

\section*{Pluralism and Diversity}

PD/D
Sample topics: Behavior and Evolution; Greek Myth in the Arts; Energy and Environment; Politics of Southern Africa. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
prereq: perm dept.
3 hrs
3 cr.

HONS 30199 - Interdisciplinary Independent Study
prereq: perm honors council
3 hrs
3 cr .
HONS 49100 - Advanced Interdisciplinary Studies

\section*{Credit/ No Credit Policy}

Credit/No Credit A system based on the non-letter grades of Credit/No Credit, where Credit is the equivalent of A, B or C and No Credit is the equivalent of D or F. Credit/No Credit grades are not averaged into the GPA; course requirements are the same as in the traditional grading system.

\section*{ALERT/NOTE: OTHER COLLEGES, GRADUATE SCHOOLS, PROFESSIONAL SCHOOLS, SERVICES AND EMPLOYERS MAY LOOK WITH DISFAVOR UPON THE USE OF THE CREDIT/NO CREDIT GRADING OPTION AND MAY EVEN CONVERT CREDIT TO C AND NO CREDIT TO F FOR THEIR PURPOSES.}

\section*{ALERT/NOTE: ELIGIBILITY FOR SOME FINANCIAL AID GRANTS MAY BE AFFECTED BY THE CHOICE OF CREDIT/NO CREDIT GRADES. THIS MUST BE CHECKED BY STUDENTS BEFORE THE OPTION OF CREDIT/NO CREDIT GRADES IS TAKEN.}

There are certain restrictions about how and when the student may choose the Credit/No Credit system:
1. A maximum of four courses (including repeated courses) at Hunter College may be taken on a Credit/No Credit basis excluding remedial/developmental courses and any courses with mandatory CR/NC grading.
2. Credit/No Credit grades are not allowed for students on probation.
3. When a student chooses the Credit/No Credit option and earns a D as the final grade, the student may choose to receive either the D or a grade of No Credit.
4. If (as a result of a student's request) a Credit/No Credit is given where it is not an allowed grade according to existing regulations, it will be converted to a letter grade by the Registrar's Office, Room 217 Hunter North. Credit grades will be changed to C ; No Credit grades will be changed to F .
5. With approval of the Senate, departments may prohibit the use of Credit/No Credit grades in major courses, especially in those areas in which outside certification is required. Credit/No Credit grades are not permitted in education, nursing, pre-engineering, premedical, health sciences, nutrition and food science and prelaw. All students should check with their departmental advisers for specific policies.

The Credit/No Credit system may be elected by students up until the beginning of the final exam (or the due date for handing in the last term paper, if there is no final exam). Credit/No Credit forms are available on the Office of the Registrar web page at http://www.hunter.cuny.edu/onestop. Full instructions are included on the form. Credit/No Credit is an agreement between a student and the student's instructor or professor. When departmental policies allow, request forms must be accepted by the instructor. Students requesting grading according to this system must satisfy whatever attendance requirement has been set by the instructor, complete all the assignments and take the final examination. It should be noted that the grade of No Credit shall be used only to replace the academic grades of D and F. It shall not be used to replace the grades of WU or IN. A No Credit grade may not override the FIN grade.

\section*{CUNY 7th Day Financial Aid Certification Date policy}

Beginning fall 2014 CUNY implemented the \(7^{\text {th }}\) day Financial Aid Certification Date policy. Students' credit load as of the end of the \(7^{\text {th }}\) day of the semester will determine their financial aid status and eligibility for federal and state aid programs they may qualify to receive for the semester.

\section*{CUNY Macaulay Honors College at Hunter College}

The Macaulay Honors College at Hunter College attracts students with outstanding academic records who seek intellectual challenges in a supportive environment. Using the undergraduate online application available through the CUNY Web site (www.cuny.edu/apply), students select the Macaulay Honors College and then indicate Hunter College as their desired campus.

A student must enter the Macaulay Honors College as a first semester freshman and may seek admission for the following fall. The application deadline is December 1. For more information on the Macaulay Honors College, see Special Academic Programs of this catalog or inquire at the Honors College Office, Room 140 Hunter North, (212) 650-3556.

\section*{CUNY Manual of General Policy}

\section*{ARTICLE V FACULTY, STAFF AND ADMINISTRATION: Policy 5.20 Student Complaints About Faculty conduct in Academic Settings}

\section*{1. Introduction}

The university and its colleges have a variety of procedures for dealing with student-related issues, including grade appeals, academic integrity violations, student discipline, disclosure of student records, student elections, sexual harassment complaints, disability accommodations, and discrimination. One area not generally covered by other procedures concerns student complaints about faculty conduct in the classroom or other formal academic settings. The university respects the academic freedom of the faculty and will not interfere with it as it relates to the content or style of teaching activities. Indeed, academic freedom is and should be of paramount importance. At the same time the university recognizes its responsibility to provide students with a procedure for addressing complaints about faculty treatment of students that are not protected by academic freedom and are not covered by other procedures. Examples might include incompetent or inefficient service, neglect of duty, physical or mental incapacity and conduct unbecoming a member of the staff.

\section*{2. Determination of Appropriate Procedure}

If students have any question about the applicable procedure to follow for a particular complaint, they should consult with the chief student affairs officer. In particular, the chief student affairs officer should advise a student if some other procedure is applicable to the type of complaint the student has.

\section*{3. Informal Resolution}

Students are encouraged to attempt to resolve complaints informally with the faculty member or to seek the assistance of the department chairperson or campus ombudsman to facilitate informal resolution.

\section*{4. Formal Complaint}

If the student does not pursue informal resolution, or if informal resolution is unsuccessful, the student may file a written complaint with the department chairperson or, if the chairperson is the subject of the complaint, with the academic dean or a senior faculty member designated by the college president. (This person will be referred to below as
the "Fact Finder.") Only students in a faculty member's class or present in another academic setting where the alleged conduct occurred may file complaints against that faculty member.
1. The complaint shall be filed within 30 calendar days of the alleged conduct unless there is good cause shown for delay, including but not limited to delay caused by an attempt at informal resolution. The complaint shall be as specific as possible in describing the conduct complained of.
2. The Fact Finder shall promptly send a copy to the faculty member about whom the complaint is made, along with a letter stating that the filing of the complaint does not imply that any wrongdoing has occurred and that a faculty member must not retaliate in any way against a student for having made a complaint. If either the student or the faculty member has reason to believe that the department chairperson may be biased or otherwise unable to deal with the complaint in a fair and objective manner, he or she may submit to the academic dean or the senior faculty member designated by the college president a written request stating the reasons for that belief; if the request appears to have merit, that person may, in his or her sole discretion, replace the department chairperson as the Fact Finder.

The chairperson may also submit a written request for recusal for good cause to the academic dean or senior faculty member designated by the college president to review such requests. If a recusal request is granted, a different department chairperson shall conduct the investigation, or, if no other chairperson is available, an administrator designated by the college president shall serve in the chairperson's stead. Further, the college president may re-assign investigations as necessary, including but not limited to situations in which a Fact Finder has not completed an investigation in a timely manner. In addition, during any time that no department chairperson is available to investigate a complaint, the college president may assign an administrator to investigate.
3. The Fact Finder shall meet with the complaining student and faculty member, either separately or together, to discuss the complaint and to try to resolve it. The Fact Finder may seek the assistance of the campus ombudsman or other appropriate person to facilitate informal resolution.
4. If resolution is not possible, and the Fact Finder concludes that the facts alleged by the student, taken as true and viewed in the light most favorable to the student, establish that the conduct complained of is clearly protected by academic freedom, he or she shall issue a written report dismissing the complaint and setting forth the reasons for dismissal and send a copy to the complaining student, the faculty member, the chief academic officer and the chief student affairs officer. Otherwise, the Fact Finder shall conduct an investigation. The Fact Finder shall separately interview the complaining student, the faculty member and other persons with relevant knowledge and information and shall also consult with the chief student affairs officer and, if appropriate, the college ombudsman. The Fact Finder shall not reveal the identity of the complaining student and the faculty member to others except to the extent necessary to conduct the investigation. If the Fact Finder believes it would be helpful, he or she may meet again with the student and faculty member after completing the investigation in an effort to resolve the matter. The complaining student and the faculty member shall have the right to have a representative (including a union representative, student government representative or attorney) present during the initial meeting, the interview and any postinvestigation meeting.
5. e. In cases where there is strong preliminary evidence that a student's complaint is meritorious and that the student may suffer immediate and irreparable harm, the Fact Finder may provide appropriate interim relief to the complaining student pending the completion of the investigation. The affected faculty member may appeal such interim relief to the chief academic officer.
6. At the end of the investigation, the Fact Finder shall issue a written report setting forth his or her findings and recommendations, with particular focus on whether the conduct in question is protected by academic freedom, and send a copy to the complaining student, the faculty member, the chief academic officer and the chief student affairs officer. In ordinary cases, it is expected that the investigation and written report should be completed within 30 calendar days of the date the complaint was filed.

\section*{5. Appeals Procedure}

If either the student or the faculty member is not satisfied with the report of the Fact Finder, the student or faculty member may file a written appeal to the chief academic officer within 10 calendar days of receiving the report. The chief academic officer shall convene and serve as the chairperson of an Appeals Committee, which shall also include the chief student affairs officer, two faculty members elected annually by the faculty council or senate and one student elected annually by the student senate. The Appeals Committee shall review the findings and recommendations of the report, with particular focus on whether the conduct in question is protected by academic freedom. The Appeals Committee shall not conduct a new factual investigation or overturn any factual findings contained in the report unless they are clearly erroneous. If the Appeals Committee decides to reverse the Fact Finder in a case where there has not been an investigation because the Fact Finder erroneously found that the alleged conduct was protected by academic freedom, it may remand to the Fact Finder for further proceedings. The committee shall issue a written decision within 20 calendar days of receiving the appeal. A copy of the decision shall be sent to the student, the faculty member, the department chairperson and the president.

\section*{6. Subsequent Action}

Following the completion of these procedures, the appropriate college official shall decide the appropriate action, if any, to take. For example, the department chairperson may decide to place a report in the faculty member's personnel file or the president may bring disciplinary charges against the faculty member. Disciplinary charges may also be brought in extremely serious cases even though the college has not completed the entire investigative process described above; in that case, the bringing of disciplinary charges shall automatically suspend that process. Any action taken by a college must comply with the bylaws of the university and the collective bargaining agreement between the university and the Professional Staff Congress.

\section*{7. Campus Implementation}

Each campus shall implement these procedures and shall distribute them widely to administrators, faculty members and students and post them on the college Web site.

\section*{CUNY Medical Withdrawal \& Re-Entry Policy \& Procedure Governing Dangerous Student Behavior}
return to: Section V: Institutional Policies

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\section*{Introduction}

The City University of New York ("CUNY") is committed to the academic success and personal growth of its students. As part of that commitment, CUNY and its constituent campuses are responsible for providing a safe learning and working environment for students, faculty, staff and other members of the university community. Some students may, because of a medical condition, engage in behavior that presents a direct threat of harm to themselves or to others, or substantially disrupts the learning or working environment of others. In such situations, the safety and security of the campus community, including the individual student, is paramount. This policy does not replace or supersede reasonable and appropriate security and health and safety measures, such as calling 911 or taking other immediate action in case of imminent threat to life or limb.

In addition to taking action to protect the security and safety of the campus community, a college may address the student's conduct to determine if action under this policy or under the student disciplinary process is appropriate. When a student's conduct that directly threatens or substantially disrupts the learning or working environment of others appears to relate to a medical condition, the campus may, at its option, address the student's conduct either in accordance with this policy, or through the student disciplinary process. If the student's conduct constitutes a threat solely to him or herself, it should be addressed under this policy rather than the disciplinary process.

\section*{Policy}
1. As an alternative to disciplinary action that may be taken under Article XV of CUNY's Bylaws, a college of CUNY may bring a proceeding to require a student to withdraw from the university, or, under some circumstances, the student's home college and/or from residence in a college residence hall under this withdrawal policy and procedures when the student's behavior evidences a direct threat of harm to others, or when the student's behavior substantially disrupts the learning or working environment of others. A direct threat means a significant risk of harm to health or safety.
2. A student who threatens to commit or attempts to commit suicide, and who does not otherwise threaten direct harm to others or substantially disrupts the learning or working environment of others, shall not be subject to disciplinary action for that threat or attempt under Article XV of the CUNY's Bylaws. If a college determines that withdrawal of the student or retention of the student subject to specified conditions is appropriate because the student's behavior threatens direct harm to him or herself, the procedures outlined below shall apply instead of disciplinary procedures.
3. A student who withdraws or is withdrawn from the university, a college or college residence hall pursuant to this policy may apply for re-entry to the University, a college and/or to a college residence hall. The application for re-entry shall be made to the student's home college's Chief Student Affairs Officer, who shall determine whether the student still presents a direct threat of harm to him or herself or others or still presents a significant risk to substantially disrupt the learning or working environment of others. If the Chief Student Affairs Officer or designee determines, based on the assessment of a qualified, licensed mental health professional, that there is not a significant risk that the behavior that required withdrawal will be repeated, he or she shall approve the student's application for re-entry.

\section*{Procedure}

\section*{A. Emergency Interim Removal}
1. If a student's behavior presents an immediate, severe and direct threat to him or herself or others (by evidencing a likelihood of harm to him or herself or others), or is substantially disrupting the learning or working environment of others, the Chief Student Affairs Officer or designee (if such Officer is not immediately available) may direct an emergency interim removal of the student that restricts the student's access to the College's campus or residence hall, as appropriate, for an interim period before a final determination of the matter. The Chief Student Affairs Officer or designee shall consult with the university's Office of the General Counsel prior to making any such direction.
2. The fact that a student has threatened to commit suicide or attempted suicide, by itself, does not allow the Chief Student Affairs Officer or designee to direct an emergency interim removal. In all cases involving such students, the Chief Student Affairs Officer or designee must attempt to have the student individually assessed by a mental health professional as outlined below in A.3. before deciding whether to direct an emergency interim removal.
3. Except as permitted in III A. 1. above, before determining whether to require an emergency interim removal, the Chief Student Affairs Officer or designee shall take the following steps:
1. exercise all reasonable efforts to meet with the student; and
2. in that meeting, offer the student the opportunity to be evaluated at the college's expense by a qualified, licensed mental health professional, who may be an employee of a college of CUNY or CUNY or on retainer to a college of CUNY or CUNY. Whenever possible, that professional shall have had no prior contact with the student. The professional shall assess whether the student's behavior presents an immediate, severe and direct threat to him or herself or others or presents a significant risk to repeat behavior that substantially disrupts the learning or working environment of others, and, if so, whether the student's behavior may be the result of a medical issue. That professional shall present his or her findings to the Chief Student Affairs Officer or designee, who shall determine based on those findings and other evidence available whether emergency interim removal under these procedures is appropriate.
3. If the student refuses to meet, and/or refuses to undergo such assessment or to keep a scheduled appointment, the Chief Student Affairs Officer or designee may require emergency interim removal without a meeting and/or mental health assessment if he or she reasonably concludes on the basis of the available evidence that the student's behavior evidences an immediate, severe and direct threat of harm to the student or others or is substantially disrupting the working or learning environment of others and presents a significant risk to continue that substantial disruption. The Chief Student Affairs Officer or designee shall consult with the university's Office of the General Counsel before making such a determination.
4. The emergency interim removal from the college and/or residence hall shall remain in effect until a final decision has been made pursuant to the procedures below, unless, before a final decision is made, the Chief Student Affairs Officer or designee determines that the reasons for imposing the interim removal no longer exist.

\section*{B. Withdrawal After Emergency Interim Removal}
1. If a student has been subjected to an emergency interim removal from the college and/or residence hall, the college shall request retention with conditions or voluntary withdrawal within 7 calendar days of such removal. Should the request for retention with conditions or voluntary withdrawal request be refused, the college shall determine within 7 calendar days of such refusal whether to take further action against the
student, including whether to initiate involuntary withdrawal proceedings or, disciplinary proceedings under Article XV of the CUNY Bylaws, as applicable under II A. above, and shall send notice of either such proceeding in accordance with the notice requirements of the applicable procedure within that 7-day period. For students who have been subjected to an emergency interim removal without having undergone the assessment procedures outlined in III A. 3 above, the college shall follow the assessment procedures outlined below in B.2. a. prior to determining its course of action.
2. In cases where the student has been subjected to an emergency interim removal without assessment, the procedure for determining whether withdrawal is appropriate is as follows:
1. The Chief Student Affairs Officer or designee shall exercise best efforts to meet with the student to discuss the student's behavior and to hear the student's explanation of the alleged behavior. If, after hearing the explanation, the Officer or designee still wishes to consider the possibility of the student's withdrawal, he or she shall offer the student an opportunity to be evaluated, at the college's expense, by a qualified, licensed mental health professional, who may be an employee of a college of CUNY or CUNY, or on retainer to a college of CUNY or CUNY. Whenever possible, that professional shall have had no prior contact with the student. The professional shall make findings concerning whether the student's behavior presents a direct threat of harm to him or herself or others or presents a significant risk to repeat behavior that substantially disrupts the learning or working environment of others and if so, whether the student's behavior may be the result of a medical issue. The professional shall report such findings to the Chief Student Affairs Officer, who shall, based on those findings, and after consultation with the university's Office of the General Counsel, determine the appropriate action, including whether to request that the student withdraw from the university, the college and/or the college residence hall or whether to request that the student agree to specified conditions in lieu of withdrawal.
2. If the student refuses to undergo the requested assessment, or fails to keep the scheduled appointment, and the Chief Student Affairs Officer reasonably concludes on the basis of the available evidence that the student's behavior presents a direct threat of harm to him or herself or others or substantially disrupts the learning or working environment of others and presents a significant risk to repeat behavior that substantially disrupts the learning or working environment of others, the Chief Student Affairs Officer may request that the student voluntarily withdraw from the university, the college and/or the college residence hall. The Chief Student Affairs Officer shall consult with the university's Office of the General Counsel before making any such request.
3. If the student agrees to the request for voluntary withdrawal or to the specified conditions, the Chief Student Affairs officer or designee shall (i) discuss with the student the procedures for and consequences of voluntary withdrawal or the specified conditions, as applicable; (ii) discuss the circumstances with the student's parents or legal guardians as permissible by law and as appropriate; (iii) consult with the student's academic adviser or department, as appropriate; (iv) consult with the residence hall director, as appropriate; (v) refer the student to appropriate resources for treatment; and (vi) advise the student concerning the process for applying for re-entry, as well as on conditions for re-entry, if applicable and appropriate.
4. If the student does not agree to the request for voluntary withdrawal or to the specified conditions, the Chief Student Affairs Officer shall determine, in consultation with the university's Office of the General Counsel, whether to take further action against the student, including whether to initiate involuntary withdrawal proceedings, or, in the case of students referenced in II A. above, whether to initiate disciplinary proceedings under Article XV of the CUNY Bylaws.

\section*{C. Withdrawal of Students Without Emergency Interim Removal}
1. Students Who Present a Direct Threat of Harm to Others or Substantially Disrupt the Learning or Working Environment of Others
1. Voluntary Withdrawal or Retention with Conditions
1. In situations where a student's behavior evidences a direct threat of harm to himself or others or substantially disrupts the learning or working environment of others and presents a significant risk to repeat behavior that substantially disrupts the learning or working environment of others and the Chief Student Affairs Officer reasonably believes that the student's behavior may be connected to a medical issue, the Chief Student Affairs Officer or designee may request that the student voluntarily withdraw or agree to retention under conditions.
2. If the student agrees to the request for voluntary withdrawal or to the specified conditions, the Chief Student Affairs officer or designee shall (i) discuss with the student the procedures for and consequences of voluntary withdrawal or the specified conditions, as applicable; (ii) discuss the circumstances with the student's parents or legal guardians as permissible by law and as appropriate; (iii) consult with the student's academic adviser or department, as appropriate; (iv) consult with the residence hall director, as appropriate; (v) refer the student to appropriate resources for treatment; and (vi) advise the student concerning the process for applying for re-entry, as well as on conditions for re-entry, if applicable and appropriate.
2. Involuntary Withdrawal
1. If the student does not agree to the request for voluntary withdrawal or to the specified conditions, the Chief Student Affairs Officer shall determine, in consultation with the University's Office of the General Counsel, whether to take further action against the student, including whether to initiate involuntary withdrawal proceedings or disciplinary proceedings under Article XV of the CUNY Bylaws.
2. Before initiating involuntary withdrawal proceedings under this procedure, the Chief Student Affairs Officer shall follow the assessment procedures outlined above in B.2.
2. Students Who Present a Direct Threat of Harm Solely To Themselves
1. The College shall follow the assessment and other procedures outlined above in B. 2 a.-d. in order to determine the appropriate course of action.

\section*{D. Involuntary Withdrawal Procedures}
1. The following shall be the procedures for involuntary withdrawal:
1. Notice of the involuntary withdrawal hearing and the time and place of the hearing shall be personally delivered or sent by the Chief Student Affairs Officer or designee of the student's home college to the student at the address appearing on the records of the college, by overnight or certified mail, by regular mail, and, for students who have a college e-mail address, to that e-mail address. Notice of at least five business days shall be given to the student in advance of the hearing unless the student consents to an earlier hearing.
2. The notice shall contain (i) a statement of the reasons involuntary withdrawal is sought (ii) the type of withdrawal sought (from the university, the college and/or from the college residence hall); and (iii) a statement that the student has a right to present his or her side of the story, to present
witnesses and evidence on his or her behalf, to cross-examine witnesses presenting evidence against the student, to remain silent without assumption of guilt, and to be represented by legal counsel or an adviser at the student's expense.
3. CUNY shall constitute a Health Review Panel, comprised of qualified, licensed mental health professionals employed by a college of CUNY or by CUNY, or on retainer to a college of CUNY or CUNY. CUNY's Vice Chancellor for Student Development shall appoint the members of the Health Review Panel. Members of the Health Review Panel, in committees constituted separately for each hearing ("Health Review Committee"), shall be responsible for adjudicating all involuntary withdrawal hearings held according to these procedures. For each involuntary withdrawal hearing, the Vice Chancellor for Student Development or his designee shall constitute a three-person Health Review Committee from the Health Review Panel to adjudicate at that hearing. No member of the Health Review Committee shall have had prior contact with the student. All decisions of the Health Review Committee shall be made by majority vote.
4. The hearing shall be closed, unless the student requests an open hearing. However, the Health Review Committee may overrule a request for an open hearing if it determines that an open hearing would be inappropriate or disruptive in light of the nature of the evidence to be presented.
5. After the evidence is presented at the hearing, the Health Review Committee shall determine whether the college has proved, by a preponderance of the evidence, that the student's behavior presents a direct threat of harm to him or herself or others, or has substantially disrupted the learning or working environment of others and presents a significant risk of threatening further substantial disruption of the learning or working environment of others, and if so, what the appropriate remedy should be. The Health Review Committee may also set reasonable and appropriate conditions on re-entry. The decision of the Health Review Committee shall be made within five business days from the close of the hearing.

\section*{E. Appeals}

An appeal from the decision of the Health Review Committee may be made to the President of the student's home college or the President's designee within thirty calendar days after the delivery of the decision appealed from. The President or designee shall make his or her determination on the appeal within fifteen business days from receipt of the appeal. The President's decision may be appealed to the Chancellor of the university or his or her designee within thirty calendar days after the delivery of the President's decision on appeal. The Chancellor or designee's decision shall be made within fifteen business days from receipt of the appeal. The Chancellor (or designee's) decision shall be final. The bases overturning a decision of the Health Review Committee at both levels of review are limited to the following: (i) clearly erroneous factual findings; (ii) procedural irregularities; (iii) newly available evidence that would have affected the outcome; (iv) the remedy and/or conditions on re-entry were unreasonable or inappropriate.

\section*{F. Re-entry}
1. A student who is withdrawn from the university, a student's home college and/or a college residence hall under this policy may be considered for re-entry.
2. A student wishing to be considered for re-entry should contact his or her home college's Chief Student Affairs Officer and provide appropriate documentation of behavioral change and resolution of the initial behavioral problem, including compliance with any conditions that may have been set for re-entry.
3. A student may apply for re-entry to the university, a college and/or a college residence hall no more than one time per term.
4. In assessing an application for re-entry, the Chief Student Affairs Officer or designee shall: (i) in cases in which he or she determines that an additional mental health assessment is necessary, refer the student for assessment to a qualified, licensed mental health professional, at the college's expense; (ii) receive, investigate, and examine appropriate relevant documentation, including assessments made by collegereferred mental health professionals, and, if applicable, licensed treating mental health professionals; (iii) consult with the Health Review Committee, in cases in which the student's withdrawal was adjudicated by such a Committee; (iv) contact the student's parents or legal guardians as permissible by law, if appropriate; (v) provide an opportunity for the student to meet with the Chief Student Affairs Officer or designee to discuss re-entry.
5. If the Chief Student Affairs Officer or designee determines, based on the evidence presented, that there is not a significant risk that the behavior that required withdrawal will be repeated, he or she shall approve the student's application for re-entry. In such cases, the Chief Student Affairs Officer or designee shall initiate the re-entry process, provide the student with written conditions for continued attendance, and inform any relevant administrators of the student's re-entry.
6. If the Chief Student Affairs Officer or designee determines that the application for re-entry should be denied, he or she shall provide the student with a written explanation of the reasons for the denial and specify when the next request for re-entry may be considered.
7. A student may appeal the Chief Student Affairs Officer or designee's denial of re-entry to the college President or designee within thirty calendar days after the delivery of the decision denying re-entry. The President or designee shall make his or her determination on the appeal within thirty calendar days from receipt of the appeal. The President's decision may be appealed to the Chancellor of the university or his or her designee within thirty calendar days after the delivery of the President's decision on appeal. The Chancellor or designee's decision shall be made within thirty calendar days from receipt of the appeal. The Chancellor (or designee's) decision shall be final. The basis for overturning a decision on appeal at either level shall be limited to a determination that the decision on re-entry was clearly erroneous.

\section*{G. Effect on Academic Status}

In the event of a withdrawal pursuant to this policy, a notation of withdrawal shall appear on the student's transcript for all classes taken during that semester. The Chief Student Affairs Officer at a student's home college may grant a student request that, in lieu of withdrawal, a notation of incomplete shall appear on his or her transcript for classes taken during that semester if and only if there is a reasonable prospect that the student will eventually complete such classes, subject to faculty approval for each such class. Regardless of the notation that appears on a student's transcript, the Chief Student Affairs Officer of the student's home college shall inform the Vice Chancellor for Student Development of the student's withdrawal in order to effectuate a hold by the University Application Processing Center on the student's ability to transfer or otherwise seek admission to another college of CUNY.

\section*{H. Effect on Housing Status}

If the student has been living in a college residence hall and will not be permitted to continue to do so, the student's contract will be canceled and fees refunded on a prorated basis.

\section*{I. Confidentiality}

The results of examinations by mental health professionals to whom students are referred for assessment at any stage in the withdrawal or readmission process shall be confidential student records, except that if the results indicate that the student presents an imminent, severe, and direct threat of harm to him or herself or others, those results may be shared with the appropriate individuals in order to attempt to prevent the occurrence of such harm. The results of these
examinations shall be admissible in involuntary withdrawal hearings but shall not be admissible in disciplinary hearings, unless the student places his or her health, including mental health, at issue in a disciplinary hearing.

\section*{CUNY Policy on Academic Integrity}
return to Section V: Institutional Policies
- Academic Dishonesty
- Definitions and Examples of Academic Dishonesty

\section*{CUNY POLICY ON ACADEMIC INTEGRITY}

Academic Dishonesty is prohibited in The City University of New York and is punishable by penalties, including failing grades, suspension, and expulsion, as provided herein.

\section*{I. Definitions and Examples of Academic Dishonesty}

Cheating is the unauthorized use or attempted use of material, information, notes, study aids, devices or communication during an academic exercise. The following are some examples of cheating, but by no means is it an exhaustive list:
- Copying from another student during an examination or allowing another to copy your work.
- Unauthorized collaboration on a take home assignment or examination.
- Using notes during a closed book examination.
- Taking an examination for another student, or asking or allowing another student to take an examination for you.
- Changing a graded exam and returning it for more credit.
- Submitting substantial portions of the same paper to more than one course without consulting with each instructor.
- Preparing answers or writing notes in a blue book (exam booklet) before an examination.
- Allowing others to research and write assigned papers or do assigned projects, including use of commercial term paper services.
- Giving assistance to acts of academic misconduct/ dishonesty.
- Fabricating data (all or in part).
- Submitting someone else's work as your own.
- Unauthorized use during an examination of any electronic devices such as cell phones, palm pilots, computers or other technologies to retrieve or send information.
Plagiarism is the act of presenting another person's ideas, research or writings as your own. The following are some examples of plagiarism, but by no means is it an exhaustive list:
- Copying another person's actual words without the use of quotation marks and footnotes attributing the words to their source.
- Presenting another person's ideas or theories in your own words without acknowledging the source.
- Using information that is not common knowledge without acknowledging the source.
- Failing to acknowledge collaborators on homework and laboratory assignments.

Internet plagiarism includes submitting downloaded term papers or parts of term papers, paraphrasing or copying information from the internet without citing the source, and "cutting \& pasting" from various sources without proper attribution.

Obtaining Unfair Advantage is any activity that intentionally or unintentionally gives a student an unfair advantage in his/her academic work over another student. The following are some examples of obtaining an unfair advantage, but by no means it is an exhaustive list:
- Stealing, reproducing, circulating or otherwise gaining advance access to examination materials.
- Depriving other students of access to library materials by stealing, destroying, defacing, or concealing them.
- Retaining, using or circulating examination materials which clearly indicate that they should be returned at the end of the exam.
- Intentionally obstructing or interfering with another student's work.

Falsification of Records and Official Documents. The following are some examples of falsification, but by no means is it an exhaustive list:
- Forging signatures of authorization
- Falsifying information on an official academic record.
- Falsifying information on an official document such as a grade report, letter of permission, drop/add form, ID card or other college document.

\section*{CUNY Sexual Misconduct Policy}

\author{
return to Section VII: Health \& Safety Policies and Procedures
}
I. Policy Statement
II. Prohibited Conduct
III. Title IX Coordinator
IV. Immediate Assistance in Cases of Sexual Violence
V. Reporting Sexual Harassment, Gender-Based Harassment or Sexual Violence to the College
VI. Reporting/Confidentiality Obligations of College and University Employees
VII. Interim and Supportive Measures
VIII. Investigating Complaints of Sexual Harassment, Gender-Based Harassment or Sexual Violence
IX. College Obligations under this Policy
X. Rules Regarding Intimate Relationships
XI. Definitions of Terms in this Policy

\section*{I. Policy Statement}

Every member of The City University of New York community, including students, employees and visitors, deserves the opportunity to live, learn and work free from sexual harassment, gender-based harassment and sexual violence. Accordingly, CUNY is committed to:
1) Defining conduct that constitutes prohibited sexual harassment, gender-based harassment and sexual violence;
2) Providing clear guidelines for students, employees and visitors on how to report incidents of sexual harassment, gender-based harassment and sexual violence and a commitment that any complaints will be handled respectfully;
3) Promptly responding to and investigating allegations of sexual harassment, gender-based harassment and sexual violence, pursuing disciplinary action when appropriate, referring the incident to local law enforcement when appropriate, and taking action to investigate and address any allegations of retaliation;
4) Providing ongoing assistance and support to students and employees who make allegations of sexual harassment, gender-based harassment and sexual violence;
5) Providing awareness and prevention information on sexual harassment, gender-based harassment and sexual violence, including widely disseminating this policy, and implementing training and educational programs on sexual harassment, gender-based harassment and sexual violence to college constituencies; and
6) Gathering and analyzing information and data that will be reviewed in order to improve safety, reporting, responsiveness and the resolution of incidents.

This is the sole policy at CUNY addressing sexual harassment, gender-based harassment and sexual violence and is applicable at all college and units at the University. The CUNY community should also be aware of the following policies that apply to other forms of sex discrimination, as well as to other types of workplace violence and domestic violence that affect the workplace:
- The CUNY Policy on Equal Opportunity and Nondiscrimination prohibits discrimination on the basis of numerous protected characteristics in accordance with federal, state and local law. That policy addresses sex discrimination other than sexual harassment, gender-based harassment or sexual violence covered by this policy.
- The CUNY Workplace Violence Policy addresses workplace violence and the CUNY Domestic Violence in the Workplace Policy addresses domestic violence in or affecting employees in the workplace.

In addition, campus crime statistics, including statistics relating to sexual violence, which CUNY is required to report under the Jeanne Clery Act, are available from the Office of Public Safety at each college and/or on its Public Safety website.

\section*{II. Prohibited Conduct}
A. Sexual Harassment, Gender-Based Harassment and Sexual Violence. This policy prohibits sexual harassment, gender-based harassment and sexual violence against any CUNY student, employee or visitor.

Sexual harassment includes unwelcome conduct of a sexual nature, such as unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, graphic and electronic communications or physical conduct that is sufficiently serious to adversely affect an individual's participation in employment, education or other CUNY activities.

Gender-based harassment is unwelcome conduct of a nonsexual nature based on an individual's actual or perceived sex, including conduct based on gender identity, gender expression, and nonconformity with gender stereotypes that is sufficiently serious to adversely affect an individual's participation in employment, education or other CUNY activities.

Sexual violence is an umbrella term that includes sexual assault, such as rape/attempted rape, criminal sexual act, forcible touching, and sexual abuse. If of a sexual nature, stalking/cyberstalking (hereinafter "stalking") and dating, domestic and intimate partner violence may also constitute sexual harassment, gender-based harassment or sexual violence.

The complete definitions of these terms, as well as other key terms used in this policy, are set forth in Section XI below.
B. Retaliation. This policy prohibits retaliation against any person who reports sexual harassment, gender-based harassment or sexual violence, assists someone making such a report, or participates in any manner in an investigation or resolution of a sexual harassment, gender-based harassment or sexual violence complaint.
C. Certain Intimate Relationships. This policy also prohibits certain intimate relationships when they occur between a faculty member or employee and any student for whom he or she has a professional responsibility as set forth in Section X below.

\section*{III. Title IX Coordinator}

Each college or unit of CUNY has an employee who has been designated as the Title IX Coordinator. This employee is responsible for compliance with Title IX of the Education Amendments of 1972, which prohibits sex discrimination, including sexual harassment, gender-based harassment and sexual violence, in education programs. The Title IX Coordinator has overall responsibility for implementing this policy, including overseeing the investigation of complaints at her/his college or unit and carrying out the other functions of that position set forth in this policy. The name and contact information for all Title IX Coordinators at CUNY can be found on the university's dedicated Title IX website at Campus Title IX Webpages.

\section*{IV. Immediate Assistance in Cases of Sexual Violence}

\section*{A. Reporting to Law Enforcement}

Students or employees who experience any form of sexual violence on or off-campus (including CUNY-sponsored trips and events) and visitors who experience sexual violence on a CUNY campus are strongly encouraged to immediately report the incident by calling 911 , contacting their local police precinct, or contacting their college public safety office, which is available 24 hours a day, 7 days a week. Campus public safety officers can also assist the complainant with filing a complaint both on and off-campus, and in obtaining immediate medical attention, counseling and other services.

\section*{B. Obtaining Immediate Medical Attention and Emotional Support}

CUNY is committed to assisting anyone who experiences sexual violence to seek comprehensive medical attention as soon as possible to treat injuries, obtain preventative treatment for sexually transmitted diseases, and preserve evidence, among other things. For rapes in particular, immediate treatment and the preservation of evidence of the attack are important for many reasons, including facilitating a criminal investigation. In addition, individuals who have experienced or witnessed sexual violence are encouraged to seek emotional support as soon as possible, either on or off-campus.

On-campus resources include nurses and/or nurse practitioners at campus health offices and counselors at campus counseling centers. Counselors are trained to provide crisis intervention and provide referrals for longer-term care as necessary.

For off-campus resources, CUNY maintains a list of emergency contacts and resources, including rape crisis centers, available throughout New York City on its dedicated web page. This list includes a designation of which local hospitals are designated as SAFE (Sexual Assault Forensic Examiner) hospitals, which are specially equipped to handle sexual assaults and trained to gather evidence from such assaults.

\section*{V. Reporting Sexual Harassment, Gender-Based Harassment or Sexual Violence to the College}

CUNY encourages individuals who have experienced sexual harassment, gender-based harassment or sexual violence (referred to in this policy as "complainants") to report the incident(s) to campus authorities, even if they have reported the incident to outside law enforcement, and regardless of whether the incident took place on or off-campus. Such reporting will enable complainants to get the support they need, and provide the college with the information it needs to take appropriate action. However, individuals should be aware that there are employees at their college/unit whom they can speak with on a strictly confidential basis before determining whether to make a report to college authorities. See Section VI below.
A. Filing a Complaint with Campus Authorities
(i) Students. Students who experience sexual harassment, gender-based harassment or sexual violence should bring their complaint to one of the following campus officials/offices:
- Title IX Coordinator;
- Office of Public Safety;
- Office of the Vice President for Student Affairs and/or Dean of Students;
- Residence Life staff in CUNY owned or operated housing, including Resident Assistants.
(ii) Employees. Employees who experience sexual harassment, gender-based harassment or sexual violence should bring their complaint to one of the following campus officials/offices:
- Title IX Coordinator;
- Director of Human Resources;
- Office of Public Safety.
(iii) Visitors. Visitors who experience sexual harassment, gender-based harassment or sexual violence should bring their complaint to one of the following campus officials/offices:
- Title IX Coordinator;
- Office of Public Safety;
- Residence Life staff in CUNY owned or operated housing, including Resident Assistants.

Once any of the individuals or offices above is notified of an incident of sexual harassment, gender-based harassment or sexual violence, she/he will coordinate with the appropriate college offices to address the matter in accordance with this policy, including
taking appropriate interim and supportive measures. All information in connection with the complaint, including the identities of the complainant and the respondent, will be kept as confidential as possible and will only be shared with those who have a legitimate need for the information.
B. Support Assistance for Complainants

When a Title IX Coordinator receives a complaint of sexual or gender-based violence, she/he will work with the Chief Student Affairs Officer to identify a trained staff member to assist the complainant with support services and accommodations.
C. Request that the College Maintain a Complainant's Confidentiality, Not Conduct an Investigation, or Not Report an Incident to Outside Law Enforcement

After a report of an alleged incident of sexual harassment, gender-based harassment or sexual violence has been made to the Title IX Coordinator, a complainant may request that the matter be investigated without her/his identity or any details regarding the incident being divulged further. Alternatively, a complainant may request that no investigation into a particular incident be conducted or that an incident not be reported to outside law enforcement.

In all such cases, the Title IX Coordinator will weigh the complainant's requests against the college's obligation to provide a safe, non-discriminatory environment for all students, employees and visitors, including the complainant. A decision to maintain confidentiality does not mean that confidentiality can be absolutely guaranteed in all circumstances, but only that all efforts will be undertaken to keep information confidential consistent with law. Notwithstanding the decision of the Title IX Coordinator regarding the scope of any investigation, the college will provide the complainant with ongoing assistance and support, including, where appropriate, the interim and supportive measures set forth in Section VII of this policy.

If the Title IX Coordinator determines that she/he will maintain confidentiality as requested by the complainant, the college will take all reasonable steps to investigate the incident consistent with the request for confidentiality. However, a college's ability to meaningfully investigate the incident and pursue disciplinary action may be limited by such a request.

In any event, the college is required to abide by any laws mandating disclosure, such as the Jeanne Clery Act and New York's Campus Safety Act. However, notification under the Jeanne Clery Act is done without divulging the complaint's identity, and notification of sexual violence under the New York Campus Safety Act is not required and will not be done if the complainant requests confidentiality.

If the Title IX Coordinator determines that the college must report the incident to outside
law enforcement, the college will cooperate with any criminal investigation, which may include providing the outside law enforcement agency with any evidence in its possession relating to the incident.

\section*{D. Action by Bystanders and Other Community Members}

While those employees designated as "responsible" employees are required reporters as set forth in Section VI below, CUNY encourages all other community members, including faculty, students and visitors, to take reasonable and prudent actions to prevent or stop an act of sexual harassment, gender-based harassment or sexual violence that they may witness. Although these actions will depend on the circumstances, they include direct intervention, calling law enforcement, or seeking assistance from a person in authority.

In addition, CUNY encourages all community members to report an incident of sexual harassment, gender-based harassment or sexual violence that they observe or become aware of to the Title IX Coordinator, and/or the offices of Public Safety and the Vice President of Students Affairs and/or Dean of Students at their college. Community members who take action in accordance with this paragraph will be supported by the college, and anyone who retaliates against them will be subject to disciplinary charges.
E. Amnesty for Drug and Alcohol Use

CUNY strongly encourages students to report instances of sexual harassment, gender-based harassment or sexual violence as soon as possible, even if those reporting or the alleged victim may have engaged in the inappropriate or unlawful use of alcohol or drugs. Therefore, a student who reports or experiences sexual harassment, gender-based harassment or sexual violence will not be disciplined by the college for any violation of CUNY's Policy Against Drugs and Alcohol in connection with the reported incident, subject to the conditions in CUNY's Medical Amnesty/Good Samaritan policy.

\section*{F. Reporting Suspected Child Abuse}

Certain members of the CUNY community who interact with, supervise, chaperone, or otherwise oversee minors in programs or activities at CUNY or sponsored by CUNY are required to report immediately to the New York State Maltreatment Hotline if they have reasonable cause to suspect abuse or maltreatment of individuals under the age of 18. Information regarding mandated child abuse reporting is available on the Office of the General Counsel web page. If anyone other than New York State mandated reporters has reasonable cause to believe that a minor is being or has been abused or maltreated on campus, she/he should notify either the Title IX Coordinator or Director of Public Safety. If any CUNY community member witnesses child abuse while it is happening, she/he should immediately call 911.

\section*{G. Reporting Retaliation}

An individual may file a complaint with the Title IX Coordinator if she/he has been retaliated against for reporting sexual harassment, gender-based harassment or sexual violence, assisting someone making such a report, or participating in any manner in an investigation or resolution of a sexual harassment, gender-based harassment or sexual violence complaint. All retaliation complaints will be investigated in accordance with the investigation procedures set forth in Section VIII of this policy, and individuals who are found to have engaged in retaliation will be subject to disciplinary action.

\section*{VI. Reporting/Confidentiality Obligations of College and University Employees}

An individual who speaks to a college or CUNY employee about sexual harassment, gender-based harassment or sexual violence should be aware that employees fall into three categories: (1) "confidential" employees, who have an obligation to maintain a complainant's confidentiality regarding the incident(s); (2) "responsible" employees, who are required to report the incident(s) to the Title IX Coordinator; and (3) all other employees, who are strongly encouraged but not required to report the incident(s).

\section*{A. Confidential Employees}
(i) For Students. Students at CUNY who wish to speak to someone who will keep all of the communications strictly confidential should speak to one of the following:
- Counselor or other staff member at their college counseling center;
- Nurse, nurse practitioner or other staff member in the college health office;
- Pastoral counselor (i.e., counselor who is also a religious leader) if one is available at their college; or
- Staff member in a women's or men's center, if one exists at their college.

The above individuals will not report any information about an incident to the college's Title IX Coordinator or other college employees without the student's permission. The only exception is in the case where there is an imminent threat to the complainant or any other person.

A student who speaks solely to a "confidential" employee is advised that, if the student wants to maintain confidentiality, the college may be unable to conduct an investigation into the particular incident or pursue disciplinary action against the alleged perpetrator. However, these professionals will assist the student in receiving other necessary support. A student who first requests confidentiality may later decide to file a complaint with the college or report the incident to local law enforcement and thus have the incident investigated.
(ii) For Employees. Although there is no one directly employed by CUNY to whom CUNY employees can speak on a confidential basis regarding sexual harassment, gender-based harassment or sexual violence, free confidential support
services are available through CUNY's Work/Life Program, which is administered by an outside company.
Confidential community counseling resources are also available throughout New York City:
http://newyorkcity.ny.networkofcare.org/mh/services/subcategory.aspx?tax=RP-1400.8000-800
http://nownyc.org/service-fund/get-help/rape-sexual-assault/medical-help-counseling-for-sexual-assault/

\section*{B. "Responsible" Employees}
"Responsible" employees have a duty to report incidents of sexual harassment, gender-based harassment or sexual violence, including all relevant details, to the Title IX Coordinator. Such employees are not permitted under any circumstances to maintain a complainant's confidentiality. To the extent possible, information reported to responsible employees will be shared only with the Title IX Coordinator, the "responsible" employee's supervisor, and other people responsible for handling the college's response to the report.

Before a complainant reveals any information to a responsible employee, the employee shall advise the complainant of the employee's reporting obligations-and if the complainant wants to maintain confidentiality, direct the complainant to confidential resources.

CUNY has designated the following individuals as "responsible" employees:
(i) Title IX Coordinator and her/his staff
(ii) Office of Public Safety employees (all)
(iii) Vice President for Student Affairs and Dean of Students and all staff housed in those offices
(iv) Residence Life staff in CUNY owned or operated housing, including Resident Assistants (all)
(v) College President, Vice Presidents and Deans
(vi) Athletics Staff (all)
(vii) Department Chairpersons/Executive Officers
(viii) Human Resources staff (all)
(ix) University Office of the General Counsel employees (all)
(x) College/unit attorney and her/his staff
(xi) College/unit labor designee and her/his staff
(xii) Faculty members at times when they are leading off-campus trips
(xiii) Faculty or staff advisors to student groups
(xiv) Employees who are Managers (all)
(xv) SEEK/College Discovery staff (all)
C. All Other Employees

Employees other than those identified in subsections " A " and " B " above are permitted but not required to report any possible sexual harassment, gender-based harassment or sexual violence; however, they are encouraged by CUNY to make such a report.

It is important to emphasize that faculty members other than those specifically identified in subsection " B " above have not been designated as "responsible" employees and do not have an obligation to report the matter to the Title IX Coordinator, although they are encouraged to do so.

\section*{VII. Interim and Supportive Measures}

The college will take immediate steps to protect the complainant and other affected parties, as well as the college community at large, following an allegation of sexual harassment, gender-based harassment or sexual violence. In general, when taking such interim and supportive measures, the college will seek to minimize the burden on the complainant.

Interim and supportive measures may include, among other things:
(i) Making necessary changes to academic programs, including a change in class schedule, making appropriate accommodations to permit the complainant to take an incomplete or drop a course or courses without penalty, permitting the complainant to attend a class via skype or other alternative means where appropriate, providing an academic tutor, or extending deadlines for assignments;
(ii) Making necessary changes to residential housing situations or providing assistance in finding alternate housing;
(iii) Changing an employee's work assignment or schedule;
(iv) Providing the complainant with an escort to and from class or campus work location;
(v) Arranging appropriate transportation services to ensure safety;
(vi) Prohibiting contact between the complainant and the respondent ("no contact" orders);
(vii) Offering counseling services to the complainant, to the respondent, and, where appropriate, to witnesses, through the college Counseling Center or other appropriate college office, or a referral to an off-campus agency;
(viii) Providing the complainant assistance in obtaining medical and other services, including access to rape crisis centers;
(ix) Providing the complainant assistance with filing a criminal complaint and seeking an order of protection;
(x) Enforcing an order of protection;
(xi) Addressing situations in which it appears that a complainant's academic progress is affected by the alleged incident;
(xii) In exceptional circumstances, seeking an emergency suspension of a student or an employee under applicable CUNY Bylaws, rules, policies and collective bargaining agreements.

\section*{VIII. Investigating Complaints of Sexual Harassment, Gender-Based Harassment or Sexual Violence}

The college will conduct an investigation when it becomes aware, from any source (including third-parties not connected to the college or university), that sexual harassment, gender-based harassment or sexual violence may have been committed against a student, employee or visitor, unless the complainant has requested that the college refrain from such an investigation and the college has determined that it may do so.

\section*{A. The Investigation}

The college Title IX Coordinator is responsible for conducting the investigation in a prompt, thorough, and impartial manner. The college Title IX Coordinator shall inform the respondent that an investigation is being commenced and shall inform the respondent of the allegations of the complainant. If there is a written complaint, the respondent shall be provided with a copy of the complaint unless circumstances warrant otherwise. The Title IX Coordinator shall coordinate investigative efforts with other college offices, and may designate another trained individual to conduct all or part of the investigation. A respondent employee who is covered by a collective bargaining agreement may consult with and have a union representative present at any interview conducted as part of such investigation.

The college Title IX Coordinator shall take prompt and effective steps reasonably calculated to end any sexual harassment, gender-based harassment or sexual violence, including: (i) taking interim measures; (ii) preventing retaliation; (iii) providing the complainant and the respondent with periodic status updates of the investigation and notice of outcome of the investigation; (iv) informing the complainant of her/his right to file a criminal complaint; (v) coordinating with law enforcement agencies, as appropriate, after consultation with Public Safety; (vi) maintaining all documents of the investigation; and (vii) drafting a report of findings, which is to be submitted to the College President.

\section*{B. Conflicts}

If any administrator designated by this policy to participate in the investigation or resolution of a complaint (including but not limited to the Title IX Coordinator) is the respondent, the College President will appoint another college administrator to perform
such person's duties under this policy. If the President is the respondent, the investigation will be handled by the University Title IX Coordinator or her/his designee.

\section*{C. Mediation}

While mediation is not permitted in cases where sexual violence is alleged, it may be appropriate where sexual harassment or gender-based harassment allegations have been made by a student or employee but there is no allegation of sexual violence. Mediation is a process whereby the parties can participate in a search for fair and workable solutions. Mediation requires the consent of both the complainant and the respondent, but does not require the complainant and respondent to meet face-to-face. Either party, however, has the right to end the mediation at any time and proceed with the investigation process. A respondent who is covered by a collective bargaining agreement may consult with and have a union representative present at any mediation session.

\section*{D. Timing}

The college shall make every reasonable effort to ensure that the investigation and resolution of a complaint are carried out as timely and efficiently as possible. However, the college may need to delay the fact-finding portion of its investigation during the evidence-gathering phase of a law enforcement investigation. While some complaints may require extensive investigation, whenever possible, the investigation of complaints should be completed within sixty (60) calendar days of the receipt of the complaint. If there is a delay in completing the investigation, the Title IX Coordinator shall notify the complainant and the respondent in writing.

\section*{E. Report of Findings}

Following the completion of the investigation, the Title IX Coordinator shall report her/his findings to the College President in writing. Following such report, the College President shall review the complaint investigation report and authorize such action as she/he deems necessary to address the issues raised by the findings. In the event the complainant or the respondent is a student, the report shall also be sent to the Chief Student Affairs Officer. A copy of the report shall be maintained in the files of the Title IX Coordinator.

\section*{F. Disciplinary Action}

Following an investigation, the College President may recommend that disciplinary action be commenced against the respondent student or employee.
(i) Discipline against students. In cases where a student is accused of a violation of this policy, including retaliation, the matter shall be referred to the college's Office of Student Affairs and action shall be taken in accordance with Article XV of the CUNY Bylaws, which contains the
student disciplinary process at CUNY. Under the student disciplinary process, complainants have the same right as respondents to receive notice of the charges, to attend and participate fully in a disciplinary hearing, to appear through a representative of their choice, including an attorney, to receive notice of the decision of the faculty-student disciplinary committee, and to appeal. Penalties for students instituted after a hearing before the faculty-student disciplinary committee range from a warning to suspension or expulsion from the University.
(ii) Discipline against employees. In cases where an employee is accused of a violation of this policy, including retaliation, the matter shall be referred for disciplinary action in accordance with the applicable CUNY policies, rules and collective bargaining agreements. Penalties for employees include reprimand, suspension or termination of employment following applicable disciplinary procedures. For many respondent employees, these procedures may include a hearing before a non-CUNY fact-finder, as required by collective bargaining agreements.
(iii)Action against visitors. In cases where the person accused of sexual harassment, gender-based harassment or sexual violence is neither a CUNY student nor a CUNY employee, the college's ability to take action against the accused is extremely limited. However, the college shall take all appropriate actions within its control, such as restricting the visitor's access to campus. In addition, the matter shall be referred to local law enforcement for legal action where appropriate.
(iv)No disciplinary action. In cases where a determination is made not to bring disciplinary action, the Title IX Coordinator shall inform the complainant and the respondent of that decision contemporaneously, in writing, and shall offer counseling or other support services to both the complainant and the respondent.

\section*{G. False and Malicious Allegations}

Members of the CUNY community who make false and malicious complaints of sexual harassment, gender-based harassment or sexual violence, as opposed to complaints which, even if erroneous, are made in good faith, may be subject to disciplinary action.

\section*{H. Relationship of CUNY's Investigation to the Actions of Outside Law Enforcement}

In cases where the complainant files a complaint with outside law enforcement authorities as well as with the college, the college shall determine what actions to take based on its own investigation. The college may coordinate with outside law enforcement authorities in order to avoid interfering with their activities and, where possible, to obtain information regarding their investigation. Neither a law enforcement determination whether to prosecute a respondent, nor the outcome of any criminal prosecution, is dispositive of whether the respondent has committed a violation of this policy.

\section*{I. Filing External Complaints}

Complainants have the right at any time to file complaints with the Office for Civil Rights ("OCR") of the U.S. Department of Education, alleging violations of Title IX, and to file complaints with other appropriate agencies alleging violations of other federal, state or local laws. Contact information for OCR and other relevant agencies is set forth on the CUNY Title IX web page.

\section*{IX. College Obligations under this Policy}

In addition to addressing possible violations of this policy, colleges/units of CUNY have the following obligations:

\section*{A. Dissemination of Policies, Procedures and Notices}

The college Title IX Coordinator, in coordination with the Office of Student Affairs, Office of Public Safety, Human Resources Department and other appropriate offices, is responsible for the wide dissemination of the following on her/his campus: (i) this Policy; (ii) CUNY's Notice of Non-Discrimination; (iii) the Title IX Coordinator's name, phone number, office location, and email address; and (iv) contact information for the campus Public Safety Office. Such dissemination shall include posting the documents and information on the college website and including it in any student or faculty handbooks and in residence life materials. The CUNY offices of Student Affairs, Human Resources Management and Legal Affairs shall assist in such training and educational programming.

\section*{B. Training and Educational Programming}

The college Title IX Coordinator, in coordination with other applicable offices, is responsible for training all employees who are required to report incidents of sexual harassment, gender-based harassment or sexual violence under this policy, for ensuring that designated offices are offering and administering the appropriate educational programming to all incoming and transfer students, residence hall students, athletes, fraternity/sorority groups, student leaders, and/or any other student groups which the college determines could benefit from education in the area of sexual harassment, gender-based harassment and sexual violence, and ensuring that designated offices promote awareness and prevention of sexual harassment, gender-based harassment and sexual violence among all students and employees.

\section*{C. Assessing Campus Attitudes}

The college's Vice President for Student Affairs, Vice President responsible for human resources, Title IX Coordinator and/or such employees designated by the college President, in coordination with other applicable offices, are responsible for obtaining current information regarding student experiences with sexual harassment, gender-based harassment and sexual violence. Any survey or assessment instrument shall be structured to be in compliance with any requirements set forth in applicable law and shall be reviewed and approved in advance by the University Title IX Coordinator.
D. Dating, Domestic and Intimate Partner Violence

As noted above, CUNY's Domestic Violence in the Workplace policy provides that colleges shall assist employees who are victims of dating, domestic or intimate partner violence that affects their employment. Similarly, colleges shall assist students who are the victims of dating, domestic or intimate partner violence, including referring them to resources and taking other appropriate supportive measures.

In addition, if a student or employee makes a complaint of dating, domestic or intimate partner violence and the alleged perpetrator is a CUNY student or employee, the college shall investigate the matter if the alleged conduct may constitute a violation of this policy, and take appropriate action based on such investigation, which may include disciplinary action.

\section*{X. Rules Regarding Intimate Relationships}

\section*{A. Relationships between Faculty or Employees and Students}

Amorous, dating or sexual activity or relationships ("intimate relationships"), even when apparently consensual, are inappropriate when they occur between a faculty member or employee and any student for whom he or she has a professional responsibility. Those relationships are inappropriate because of the unequal power dynamic between students and faculty members and between students and employees who advise or evaluate them, such as athletic coaches or workplace supervisors. Such relationships necessarily involve issues of student vulnerability and have the potential for coercion. In addition, conflicts of interest or perceived conflicts of interest may arise when a faculty member or employee is required to evaluate the work or make personnel or academic decisions with respect to a student with whom he or she is having an intimate relationship. Finally, if the relationship ends in a way that is not amicable, the relationship may lead to charges of and possible liability for sexual harassment.

Therefore, faculty members and other employees are prohibited from engaging in intimate relationships with students for whom they have a professional responsibility, including undergraduates, graduate and professional students and postdoctoral fellows.

For purposes of this section, professional responsibility for a student means responsibility over academic matters, including teaching, counseling, grading, advising for a formal project such as a thesis or research, evaluating, hiring, supervising, coaching, making decisions or recommendations that confer benefits such as admissions, registration, financial aid, other awards, remuneration, or fellowships, or performing any other function that might affect teaching, research, or other academic opportunities.

\section*{B. Relationships between Supervisors and Employees}

Many of the concerns about intimate relationships between faculty members or employees and students also apply to relationships between supervisors and employees they supervise. Those relationships therefore are strongly discouraged. Supervisors shall disclose any such relationships to their supervisors in order to avoid or mitigate conflicts of interest in connection with the supervision and evaluation of the employees with whom they have an intimate relationship. Mitigation may involve the transfer of either the supervisor or employee, reassigning the responsibility to evaluate the employee to a different supervisor, or other appropriate action.

For purposes of this section, supervising an employee means supervising in an employment setting, including hiring, evaluating, assigning work, or making decisions or recommendations that confer benefits such as promotions, raises or other remuneration, or performing any other function that might affect employment opportunities.

\section*{XI. Definitions of Terms in this Policy}
A. Sexual harassment is unwelcome conduct of a sexual nature, including but not limited to unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, graphic and electronic communications or physical conduct of a sexual nature when:
(i) submission to or rejection of such conduct is made either explicitly or implicitly a condition of an individual's employment or academic standing or is used as the basis for employment decisions or for academic evaluation, grades, or advancement (quid pro quo);
or
(ii) such conduct is sufficiently serious that it alters the conditions of, or has the effect of substantially interfering with, an individual's educational or work experience by creating an intimidating, hostile, or offensive environment (hostile environment). The effect will be evaluated based on the perspective of a reasonable person in the position of a complainant.

Conduct is considered "unwelcome" if the individual did not request or invite it and considered the conduct to be undesirable or offensive.

While it is not possible to list all circumstances that might constitute sexual harassment, the following are some examples of conduct that might constitute sexual harassment depending on the totality of the circumstances:
(i) Inappropriate or unwelcome physical contact or suggestive body language, such as touching, groping, patting, pinching, hugging, kissing, or brushing against an individual's body;
(ii) Verbal abuse or offensive comments of a sexual nature, including sexual slurs, persistent or pervasive sexually explicit statements, questions, jokes or anecdotes, degrading words regarding sexuality or gender, suggestive or obscene letters, notes, or invitations;
(iii) Visual displays or distribution of sexually explicit drawings, pictures, or written materials; or
(iv) Undue and unwanted attention, such as repeated inappropriate
flirting, staring, or making sexually suggestive gestures.
For purposes of this policy, sexual harassment also includes acts that violate an individual's right to privacy in connection with her/his body and/or sexual activity such as:
(i) Recording images (e.g. video, photograph) or audio of another person's sexual activity, intimate body parts, or nakedness without that person's consent;
(ii) Disseminating images (e.g. video, photograph) or audio of another person's sexual activity, intimate body parts, or nakedness, if the individual distributing the images or audio knows or should have known that the person depicted in the images or audio did not consent to such disclosure;
(iii) Viewing another person's sexual activity, intimate body parts, or nakedness in a place where that person would have a reasonable expectation of privacy, without that person's consent.
B. Gender-based harassment is unwelcome conduct of a nonsexual nature based on an individual's actual or perceived sex, including conduct based on gender identity,
gender expression, and nonconformity with gender stereotypes that is sufficiently serious that it alters the conditions of, or has the effect of substantially interfering with an individual's educational or work experience by creating an intimidating, hostile, or offensive environment (hostile environment). The effect will be evaluated based on the perspective of a reasonable person in the position of the complainant. An example of gender-based harassment would be persistent mocking or disparagement of a person based on a perceived lack of stereotypical masculinity or femininity.
C. Sexual violence is an umbrella term that includes: sexual assault, such as rape/attempted rape, criminal sexual act, forcible touching and sexual abuse, as well as dating, domestic and intimate partner violence. Stalking, while not necessarily sexual in nature, can be a form of sexual violence depending upon the circumstances.
(i) Sexual assault is any form of sexual contact (i.e., any touching of the sexual or other intimate parts of a person for the purpose of gratifying sexual desire of either party) that occurs without consent and/or through the use of force, threat of force, intimidation, or coercion. Examples of sexual assault include:
(a) Rape and attempted rape is engaging or attempting to engage in sexual intercourse with another person: (a) without such person's consent; (b) where such person is incapable of giving consent by reason of being mentally disabled, mentally incapacitated or physically helpless; or (c) where such person is less than seventeen years old. Sexual intercourse includes vaginal or anal penetration, however slight.
(b) Criminal sexual act is engaging in oral or anal sexual conduct with another person without such person's consent.
(c) Forcible touching is intentionally touching the sexual or other intimate parts of another person without the latter's consent for the purpose of degrading or abusing such person; or for the purpose of gratifying the actor's sexual desire.
(d) Sexual abuse is subjecting another person to sexual contact without the latter's consent.
(ii) Stalking is intentionally engaging in a course of conduct directed at a specific person that:
(1) is likely to cause reasonable fear of material harm to the physical health, safety or property of such person, a member of such person's immediate family or a third party with whom such person is acquainted; or
(2) causes material harm to the mental or emotional health of such person, where such conduct consists of following, telephoning or initiating communication or contact with such person, a member of such person's immediate family or a third party with whom such person is acquainted; or
(3) is likely to cause such person to reasonably fear that her/his employment, business or career is threatened, where such conduct consists of appearing, telephoning or initiating communication or contact at such person's place of employment or business, and the actor was previously clearly informed to cease that conduct.
(ii) Dating, domestic and intimate partner violence is a pattern of coercive behavior that can include physical, psychological, sexual, economic and emotional abuse, perpetrated by one person against an intimate partner. Such violence may occur in all kinds of intimate relationships, including married couples, people who are dating, couples who live together, people with children in common, same-sex partners, and people who were formerly in a relationship with the person abusing them.
D. Consent is a knowing, informed, voluntary and mutual decision to engage in agreed upon sexual activity. Consent can be given by words or actions, as long as those words or actions create clear permission regarding willingness to engage in the sexual activity. Silence or failure to resist does not, in and of itself, demonstrate consent. The definition of consent does not vary based upon a participant's sex, sexual orientation, gender identity or gender expression.

Consent can be withdrawn at any time. Past consent to sexual activity between individuals does not constitute consent to subsequent sexual activity between those individuals, and consent to one form of sexual activity does not necessarily imply consent to other forms of sexual activity. Whether one party to sexual activity is in a position of authority or influence over the other party is a relevant factor in determining consent.

In order to give consent, one must be of legal age (17 years or older) and not mentally or physically incapacitated, or physically helpless, unconscious or asleep. Depending on the degree of intoxication, someone who is under the influence of alcohol, drugs or other intoxicants may be incapacitated and therefore unable to consent. Consent is not valid if it is the result of coercion, intimidation, force or threat of harm.
E. Complainant refers to the individual who alleges that she/he has been the subject of sexual harassment, gender-based harassment or sexual violence, and can be a CUNY student, employee (including all full-time and part-time faculty and staff), or
visitor. Under this policy, the alleged incident(s) may have been brought to the college's attention by someone other than the complainant
F. Visitor is an individual who is present at a CUNY campus or unit but is not a student or an employee.
G. Respondent refers to the individual who is alleged to have committed sexual harassment, gender-based harassment or sexual violence against a CUNY student, employee, or visitor.
H. Complaint is an allegation of sexual harassment, gender-based harassment or sexual violence made under this policy.
I. Retaliation is adverse treatment of an individual as a result of that individual's reporting sexual harassment, genderbased harassment or sexual violence, assisting someone with a report of sexual harassment, gender-based harassment or sexual violence, or participating in any manner in an investigation or resolution of a sexual harassment, gender-based harassment or sexual violence report. Adverse treatment includes threats, intimidation and reprisals by either a complainant or respondent or by others such as friends or relatives of either a complainant or respondent.
J. Managers are employees who have the authority to either (a) make tangible employment decisions with regard to other employees, including the authority to hire, fire, promote, compensate or assign significantly different responsibilities; or (b) make recommendations on tangible employment decisions that are given particular weight. Managers include vice presidents, deans, directors, or other persons with managerial responsibility, including, for purposes of this policy, department chairpersons and executive officers.

\section*{CUNY Sexual Misconduct Policy/Title IX}

\section*{CUNY Sexual Misconduct Policy/Title IX}

Hunter College is committted to maintaining a fair and equal environment for both its employees and student body, consistent with the requirements of Title IX of the Education Amendments Act of 1972 which state that:

No person in the United States shall, on the basis of sex, be excluded from participation in, denied the benefits of, or be subjected to, discrimination under any education program or activity receiving Federal financial assistance.

The CUNY Policy on Sexual Misconduct prohibits all forms of sexual misconduct, including but not limited to sexual harassment, gender-based harassment and sexual violance.

This Policy also prohibits retaliation for reporting or opposing discrimination, or cooperating with an investigation of a discrimination complaint

Any individual who believes he or she has been discriminated against on the basis of gender in any area outside the purview of the Sexual Misconduct Policy may direct all inquiries, concerns and complaints to Dean John T. Rose, Hunter's Title IX Coordinator. Any individual who believes that he or she has experienced any form of discrimination under Title IX of the Education Amendments of 1972 may also contact the US Department of Education, Office of Civil Rights. In addition, Professor Jennifer Samson of the Department of Special Education is the college's 504/ADA Coordinator. The Vice Presidents, Deans, Directors, Managers and Supervisors share responsibility for ensuring our compliance with these policies and laws.

These criteria are based on guidelines issued by the Office of Civil Rights, Department of Education.
Click here for the full CUNY Sexual Misconduct Policy

\section*{Dance}

Return to the Faculty of the School of Arts and Sciences

Carol Dilley, Visiting Professor and Interim Chair of the Dance Department, MFA in Dance, University of Washington; Graduate Certificate in Arts Management, University of Technology Sydney, Australia

David Capps, Associate Professor, Dance; BA Towson State, MFA NYU

Maura Nguyen Donohue, Associate Professor, Dance; MFA Smith College
Kathleen Isaac, Distinguished Lecturer, MA, NYU; Dance Education

Return to the Dance Program

\section*{Declaring a major}

To declare or change a major, students should print a Major Declaration Approval form at http://www.hunter.cuny.edu/onestop/forms-online, and confer with an adviser in the major department who will review the program of study and must sign and stamp the form.

All matriculated students must declare a major no later than the semester in which the combination of credits earned and credits for which they are currently registered totals 60 or greater. Transfer students entering with 60 credits or more must declare their major before the end of their first semester of attendance at Hunter. Under New York State guidelines, students who have not declared a major by the 60-credit point, or changed their major/program, by the end of the drop/add period of the semester are ineligible for TAP financial aid.

\section*{Declaring a Major}

To declare or change a major, students should print a Major Declaration Approval form at registrar.hunter.cuny.edu/subpages/forms.shtml, and confer with an adviser in the major department who will review the program of study and determine the student's eligibility. If the student is admitted into the major, the adviser will sign and stamp the form. That form must be forwarded to OASIS. Each major must be declared in the same way and approved by an adviser in the major department.

All matriculated students must declare a major no later than the semester in which the combination of credits earned and credits for which they are currently registered totals 60 or greater. Transfer students entering with 60 credits or more must declare their major before the end of their first semester of attendance at Hunter.

\section*{Choosing a Major and TAP Financial Aid}

Under New York State guidelines, students who have not declared a major by the 60-credit point are ineligible for TAP financial aid. The calculated financial aid is based on the declared major as of the end of the DROP/ADD period.

\section*{Degree Students and CUNY Proficiency Requirements}

Degree seeking students enrolling at Hunter College must demonstrate proficiency in reading, writing and mathematics at the time of application, as outlined by the City University of New York. Students can demonstrate that they meet the CUNY proficiency skills requirements in reading, writing and mathematics based on SAT, ACT, or NY State Regents test scores. Students may also demonstrate CUNY proficiency requirements based on a bachelor's degree or higher from an accredited program that is approved by the Office of Admissions. Otherwise, students must take the appropriate CUNY Assessment Test (CAT) to demonstrate proficiency requirements.

\section*{Demonstrating Proficiency: Mathematics}

Students may demonstrate proficiency in mathematics based on the following SAT, ACT, or NY State Regents test scores.

Students are considered proficient in mathematics if they provide official documentation on any one of the following:
- SAT Math score of 500 or higher
- ACT Math score of 21 or higher
- NY State Regents score of 70 or higher in Algebra I and successful completion of Algebra II/trigonometry or higher-level course.
- NY State Regents score of 80 or higher in Integrated Algebra, Geometry, OR Algebra 2/Trigonometry AND successful completion of the Algebra 2/Trigonometry or a higher-level course.
- Math A or Math B, Sequential II or III NY State Regents score of 75 or higher

Students may demonstrate proficiency in mathematics based on the following CUNY Assessment Test score: Algebra (M2) score of 40 or higher

In addition, transfer students from outside of CUNY can demonstrate that they meet the CUNY math proficiency requirement by documenting successful completion of a 3 credit college-level math course with a grade of C or better from an accredited college or university. Transfer students from another CUNY college can demonstrate that they meet the CUNY mathematics proficiency requirement by documenting successful completion of Elementary Algebra or a 3 credit college-level math course at a CUNY college.

\section*{Demonstrating Proficiency: Reading and Writing}

Students may demonstrate proficiency in reading and writing based on the following SAT, ACT, or NY State Regents test scores.

Students are considered proficient in reading and writing if they provide official documentation on any one of the following:
- SAT I Verbal score of 480 or higher or Critical Reading score of 480 or higher
- ACT English score of 20 or higher
- NY State English Regents score of 75 or higher

Students may demonstrate proficiency in reading and writing based on the following CUNY Assessment Test scores:
- Reading: a score of 70 or higher.
- Writing: a score of 56 or higher.

To be eligible to register for the first college-level composition course, students must be proficient in both reading and writing.

In addition, transfer students from outside of CUNY may demonstrate that they meet the City University of New York's proficiency requirement in reading and writing by documenting successful completion of a 3-credit college-level English course with a grade of C or better from an accredited college or university. Transfer students from another CUNY college may demonstrate that they meet the City University of New York's proficiency requirement in reading and writing by documenting successful completion of a 3-credit college-level English course with a grade of C or better from a CUNY college.

\section*{Department of Public Safety}

\author{
return to Section VII: Health \& Safety Policies and Procedures
}

B122 Hunter West
(212) 772-4447
http://publicsafety.hunter.cuny.edu/index.shtml

\section*{Public Safety and Emergencies}

In order to provide a safe and secure environment, the Hunter College campuses are monitored 24 hours a day by members of the Department of Public Safety. Public Safety personnel are available to provide assistance with public safety, security and health emergencies at all times. In the event of an emergency, Public Safety can be reached in the following manner:

Emergencies: Located throughout the main campus and Brookdale are silver wall mounted boxes marked "Emergency." These boxes are known as "Talk Alerts" and pushing the call button on the box will connect you directly to the public safety desk. You may also dial 4444 from any interior campus telephone, or dial (212) 772-4444 from your cellular telephone.

Please remember to please state your emergency and your location on campus. Below are emergency and nonemergency phone numbers for specific campus sites. Note: The new Lois V. and Samuel Silberman School of Social Work/CUNY School of Public Health at Hunter College building is located at 2180 Third Avenue New York, N.Y. The MFA building is at 205 Hudson Street New York NY 10013.

\section*{Emergency Numbers}

\section*{(Fire and Ambulance, 24 hours)}
\begin{tabular}{ll} 
68th Street & (212) 772-4444 \\
School of Social Work & \((212)-396-7777\) \\
Brookdale Campus & (212) 481-4444 \\
MFA Buuilding & \((212) 226-2389\)
\end{tabular}

New York Police Department 911 (dial 9, then 911 from an interior campus phone)

\section*{Non-Emergency Numbers}
68th Street Campus (212) 772-4447

School of Social Work
(212) 396-7777

Brookdale Campus (212) 481-4374

New York Police Department 911 (dial 9, then 911 from an interior campus phone)
Non-emergencies: All calls for Public Safety services from all Hunter College campuses should be made to (212) 7724447. This number is staffed 24 hours daily. Calls for outside assistance can be made from campus telephones by dialing 9-911. (An extra 9 is entered to ensure that the caller is given an outside line.) Building Hours of Operation

The following schedule is in effect for the Hunter College complex of buildings:
Main Campus ( \(68^{\text {th }}\) Street \& Lexington Ave.)
Monday through Friday- 7:00 a.m. to 10:00 p.m.
Saturday, Sunday, holidays- 7:00 a.m. to 6:00 p.m.
East Building Library only:
Monday through Thursday- 7:00 a.m. to 11:00 p.m.

Friday- 7:00 a.m. to 6:00 p.m.
Saturday and Sunday-7:00 a.m. to 8:00 p.m.

Lois V. \& Samuel Silberman School of Social Work and CUNY School of Public Health at Hunter College (2180
Third Ave.)

Monday through Friday- 7:00 a.m. to 11:00 p.m.
Saturday- 8:00 am to 11:00 p.m.
Sunday- 10:00 a.m. to 11:00 p.m.

\section*{MFA Building}

7:00 am to 1:00 am daily

To enter the buildings at times and days other than those scheduled above, everyone must show proper identification to the security officers on duty. A sign-in and sign-out log will be maintained by the security officers.

Special Procedures on the Brookdale Campus: Students, faculty, staff and visitors to the Brookdale campus are required to possess a valid photo ID at all times, which they must present to Campus Security and/or show to any member of the Residence Life staff upon request at any time for entry into campus buildings.

\section*{Hours of Operation:}

Students
Monday through Friday- 7:00 a.m. to 10:00 p.m.
Saturday, Sunday, holidays- 7:00 a.m. to 6:00 p.m.
Campus Housing Residents
Open 24 hours/day

Information and Complaints: Requests for information or complaints concerning security services should be made to Louis Mader, Director of Public Safety, (212) 772-4521.

\section*{Determination of Appropriate Procedure}

If students have any question about the applicable procedure to follow for a particular complaint, they should consult with the chief student affairs officer. In particular, the chief student affairs officer should advise a student if some other procedure is applicable to the type of complaint the student has.

\section*{Disclaimers and Statement of Rights}

\author{
return to: Section V: Institutional Policies
}

\section*{Notice of Possible Changes}

The Board of Trustees of The City University of New York reserves the right to make changes of any nature in the academic programs and requirements of The City University of New York and its constituent colleges. All programs, requirements, and courses are subject to termination or change without advance notice. Tuition and fees set forth in this publication are similarly subject to change by the Board of Trustees of The City University of New York.

The course descriptions in this catalog summarize the full, official descriptions authorized by the Hunter College Senate. Full descriptions are available in the appropriate school and department offices. Hunter College reserves the right to change rules, policies, fees, and curricula without advance notice.

\section*{Dismissal from the College and the City University}

Students who fail to achieve the required academic standards will be placed on academic probation. Students who fail to achieve the required academic standards while on probation will be dismissed from Hunter College and the CUNY system.

Students may appeal an academic dismissal and should discuss the preparation of such an appeal with an academic adviser in the Office of Advising Services, Room 1119 Hunter East. The Senate Committee on Student Standing reviews all appeals and makes the final determinations.

Tuition and fees will be refunded to a student who is dismissed for failure to meet the required academic standards after having registered.

Students who withdraw from the college when their GPA is below the required academic standards will be automatically dismissed from the university. Students who have been dismissed or who have withdrawn when their GPA is below required academic standards may not be readmitted until they have been separated from the university system for at least one fall or spring semester. Students who wish to apply for readmission after separation of one or more semesters must file an application at the Office of Admissions, Room 203 Hunter North. Applications must be filed at least three months prior to the beginning of the semester in which the student plans to re-enter.

Until such time as they are eligible to apply for readmission, students who are separated from the university may not enroll for credit-bearing courses in any unit of the university in any status.

\section*{Drug-Free Schools and Campuses, Public Law 101-226}

\author{
return to Section VII: Health \& Safety Policies and Procedures
}

Hunter College is in compliance with the Drug-Free Schools and Communities Act Amendments of 1989 (Public Law 101-226).

The New York State minimum drinking age (21 years) is observed at all campus functions. Proof of age is required to consume alcoholic beverages and no individual appearing to be under the influence of alcohol will be served.

All Hunter College organizations sponsoring events must, in advance of the event, agree to the following conditions:
1. No person shall sell or provide an alcoholic beverage to a person under the age of 21 . Where documentation of age is unavailable or not reasonably certain, the law requires denial of an alcoholic beverage to that person.
2. No person shall sell or provide an alcoholic beverage to a person actually or apparently under the influence of alcohol.
3. No person shall sell or provide an alcoholic beverage to a person known to be a habitual excessive drinker.
4. All advertising, promotion, publicity, invitations, etc. stating the availability of alcoholic beverages at an event, must include the following statement:
The unlawful possession, use or distribution of drugs is prohibited on the campus. Violators will be subject to penalties ranging from reprimand and warning for a first infraction, to separation from the college for a subsequent offense.

Legal sanctions against students alleged to be in violation of Public Law 101-226 will be determined according to Article 15 Section 3 of the CUNY Board of Trustees Bylaws. Sanctions for members of the instructional staff and non-
instructional staff will be governed by Article VII of the CUNY Board of Trustees Bylaws and Article XIV, respectively.

Assistance is available by calling:
Hunter College Emergency Medical Services - (212) 772-4801
Employee Assistance Program - (212) 772-4051
Student Services - (212) 772-4882

\section*{The Hunter College Smoking Policy}

Hunter College is a non-smoking environment (facility) pursuant to New York City Law.

\section*{Early Admission}

Students with superior high school records may apply for admission to the college upon completion of the third year of high school. An interview with the Admissions Committee is required, as well as a high school average of at least \(90 \%\), minimum SAT scores of 600 verbal and 600 math and three high school recommendations. Students are admitted only in the fall semester. Applications must be filed directly with the Hunter Admissions Office before April 1.

\section*{Economics and Accounting Faculty}

Return to Faculty of the School of Arts and Sciences

Terence Agbeyegbe, Professor, Economics; BA Essex, MSc, MS London, PhD Essex (UK)
Mathew Baker, Associate Professor, Economics; BA Wesleyan, MA, PhD Connecticut

Karna Basu, Associate Professor, Economics; BA Yale; PhD MIT

Fatma Cebenoyan, Associate Professor, Accounting; BA Bogazici (Turkey), MBA Hofstra, PhD Maryland

Howard Chernick, Professor, Economics; BA Johns Hopkins, MA, PhD Pennsylvania

Jonathan Conning, Associate Professor, Economics; BA Swarthmore, MA, PhD Yale

Partha Deb, Professor, Economics; BSc Calcutta (India), PhD Rutgers

Randall Filer, Professor, Economics; BA Haverford, MA, PhD Princeton

Lisa M. George, Assistant Professor, Economics; BS, ME Cornell, MA, PhD Pennsylvania

Devra L. Golbe, Professor and Chair, Economics; BA Brown, MBA, PhD NYU

Timothy Goodspeed, Professor, Economics; BS SUNY (Binghamton), PhD Maryland

John Qiang Li, Associate Professor, Accounting, BS, MS Harbin Polytechnic University, China, PhD Washington University

Avi Liveson, Professor, Accounting; BA Brandeis, LLM NYU, JD Pennsylvania

Kenneth J. McLaughlin, Associate Professor, Economics; BA Ohio State, MA, PhD Chicago

Toshiaki Mitsudome, Associate Professor, Accounting; BA Kanagawa (Japan), MBA Baruch, PhD Baruch/CUNY
Ingmar Nyman, Associate Professor, Economics; BS Goteberg (Sweden), MA, PhD Columbia
Sangeeta Pratap, Associate Professor, Economics; BA Delhi University (India), MA Jawaharlal Nehru University, MPhil Cambridge, PhD NYU

Kevin D. Sachs, Lecturer (Doctoral), Accounting; BA CUNY, MA Pennsylvania, PhD Buffalo
Purvi Sevak, Associate Professor, Economics; BS Cornell, MA, PhD Yale
Jessica Van Parys, Assistant Professor, Economics; BA, MA Georgia, PhD Columbia
Wei Yu, Associate Professor, Accounting; BS University of International Business and Economics, China, MA Central Michigan, PhD, GeorgiaTech

Return to the Department of Economics

\section*{Economics Department Description}

\section*{Return to Economics Department}

Economics students become problem solvers. They learn to analyze a situation, figure out what is important and determine what can be abstracted away. The economics curriculum stresses the development of general problemsolving skills: finding, gathering and interpreting information; predicting the consequences of decisions; evaluating alternative courses of action; and analyzing the management of resources in both the public and private sectors. At the same time, economics students learn about the institutions and rules that shape daily life - the monetary system, the stock and bond markets and the regulatory system that mandates warning labels on cigarette packs and seat belts in automobiles.

While an undergraduate major in economics does not define the career a graduate may ultimately lead, it provides students with a point of view and a set of skills that will be useful in almost any path taken after graduation. A major in economics is especially valuable for those who plan careers in finance, management, law, journalism, or public policy. Many professional economists also enter government at the federal, state, or local level, either in research or policymaking positions. Still others are involved in teaching and research in colleges and universities.

Accountants specialize in measuring, reporting and interpreting the financial aspects and transactions of businesses, governments, non-profits and other institutionss. Accounting provides the information necessary to determine and evaluate both present and projected economic activities of organizations. Professional accountants develop and apply their skills in auditing, taxation, management policy, information systems, computer operations and many other areas.

Nearly half of all accounting graduates are employed by public accounting firms. Others work for private firms, engage in research and consulting, practice in the government sector or with non-profit entities, or continue their education on the graduate level.

\section*{Education Abroad Programs}

Opportunities exist for study abroad in summer, winter intersession and during the academic year. There are a variety of countries, subject matters and languages to choose from. Current summer offerings include programs in: the Bahamas, Costa Rica, France, Germany, Italy, Poland, Spain, England and Scotland. Winter intersession typically offers programs in Argentina, Australia, Brazil, Ghana, Italy, Jordan and Uganda. During the academic semester or year, Hunter students can participate in a study abroad program in Costa Rica and in exchanges with Queen Mary College of the University of London, Nebrija University in Madrid, University of Amsterdam, Meji Gakuin University in Yokohama, Japan as well as with the three main campuses (Melbourne, Geelong and Warnabul) of Deakin University in Australia. Additional information about Hunter programs is available on the Education Abroad website http://www.hunter.cuny.edu/educationabroad.

Besides the programs organized by Hunter College, students can participate in the study abroad programs of other CUNY colleges, as well as CUNY-wide exchanges. More information about these programs can be found at www.cuny.edu/studyabroad. Hunter students also have the option of participating in programs offered by SUNY colleges. More information is available at www.studyabroad.com/suny.

Finally, Hunter College belongs to the University Studies Abroad Consortium (USAC) and all USAC programs are open to Hunter students. For more information go to http://usac.unr.edu/.

\section*{Elective (or Optional) Credits}

These are credits needed to complete the degree beyond those taken to fulfill the Hunter Core Requirement and the major. Students may choose as electives any courses for which they have the necessary prerequisites. They may take more courses in their major, declare and complete a minor, study another foreign language they will need for graduate work or explore new horizons.

\section*{Emergency Contact Numbers and NY Support Services}

\section*{EMERGENCY CONTACT NUMBERS}
\begin{tabular}{|l|l|l|l|}
\hline Hunter College & \(212-772-4444\) & x 4931 (personal counseling services) \\
\hline Hunter Brookdale Campus & \(212-481-4444\) & x 4931 (personal counseling services) \\
\hline
\end{tabular}

\section*{NEW YORK CITY SUPPORT SERVICES}
* Indicates a 24-hour number

NYPD
\begin{tabular}{|l|l|}
\hline Police Emergency & \(911^{*}\) \\
\hline NYPD Sex Crimes Hotline & \(212-267-\) RAPE* \(^{*}\) \\
\hline
\end{tabular}

\footnotetext{
Rape Crisis and Dating/Domestic Violence Services
}
\begin{tabular}{|c|c|}
\hline \begin{tabular}{l}
RAINN: Rape, Abuse \& Incest Network, http://www.rainn.org/ Online Ho crisis support for victims of sexual assault, their friends, and families. \\
The Online Hotline is free of charge and is available 24 HOURS A DAY,
\end{tabular} & \begin{tabular}{l}
line provides live, secure, anonymous \\
DAYS A WEEK!
\end{tabular} \\
\hline NYC Rape Crisis Hotline & 212-673-3000* \\
\hline Safe Horizon: Rape and Sexual Assault Hotline & 800-621-4673* www.safehorizon.org \\
\hline Safe Horizon: Domestic Violence Hotline & 212-577-7777* \\
\hline NYC Gay and Lesbian Anti-Violence Project & 212-714-1141* \\
\hline New York Women Against Rape & 212-777-4000 \\
\hline New York Asian Women's Center & 888-888-7702* \\
\hline NYC Alliance Against Sexual Assault & 212-229-0345 \\
\hline NYS Victim Information and Notification Everyday & 888-VINE-4NY \\
\hline NYS Crime Victim's Board & 718-923-4325 \\
\hline Urban Justice Center: legal services \& advocacy for survivors of Domestic Violence & 646-602-5600, www.urbanjustice.org \\
\hline Women's Survival Space (Brooklyn) & 718-439-4612 \\
\hline
\end{tabular}

Rape Crisis Centers (affiliated with hospitals)
\begin{tabular}{|l|l|}
\hline Bronx & \(718-519-5722\) \\
\hline North Central Bronx Hospital: Sexual Assault Treatment Program & \\
\hline Brooklyn & \(718-616-4209\), or 800.tel.rape* \\
Coney Island Hospital: Rape Crisis Program & \(718-780-1459\) \\
\hline Long Island College Hospital: Rape Crisis Intervention/Victims of Violence Program & \\
\hline Manhattan & \(212-420-4516\) \\
\hline Beth Israel Medical Center:Rape Crisis \& Domestic Violence Intervention Program & \\
Bellevue Hospital Center: Rape Crisis Program & \(212-305-9060\) \\
Columbia Presbyterian Hospital: Domestic and Other Violence Emergencies (DOVE) & \(212-562-3435\) \\
\hline Harlem Hospital: Center for Victim Support & \\
Mt. Sinai Medical Center: Sexual Assault Violence Intervention (SAVI) & \\
\hline
\end{tabular}
\begin{tabular}{|l|l|}
\hline St. Luke's Roosevelt Hospital: Crime Victims Treatment Center & \(212-939-4613\) \\
St. Vincent's Hospital: Rape Crisis Program & \(212-423-2140\) \\
\hline Queens & \(212-523-4728\) \\
\hline Elmhurst Hospital: Borough Crisis Center & \(212-604-8068\) \\
\hline Queens Hospital Center & \(718-736-1288\) \\
\hline Staten Island & \(718-876-3090\) \\
\hline St. Vincent's Medical Center & \\
\hline
\end{tabular}

\section*{District Attorney's Offices}
\begin{tabular}{|l|l|}
\hline Bronx: Crime Victims Assistant Unit: & \(718-590-2114\) \\
\hline Brooklyn: Victim Services Unit & \(718-250-3820\) \\
\hline Manhattan: Victim Assistance Center & \(212-335-8900\) \\
\hline Queens: Crime Victims Advocate Program & \(718-286-6818\) \\
\hline Staten Island & \(718-876-6300\) \\
\hline
\end{tabular}

\section*{Programs For Abusers}
\begin{tabular}{|l|l|}
\hline \begin{tabular}{l} 
Safe Horizon Alternatives to Violence Program: \\
Provides educational groups in English and Spanish for perpetrators of domestic violence.
\end{tabular} & \(718-834-7471\) \\
\hline STEPS: Alternatives to Incarceration provides programs for adolescent male batterers & \(212-662-7914\) \\
\hline Sexual Abuser Treatment Referral Line: 1-802-247-3132, Mon.-Fri. 9am-4:30pm. \\
\hline If you are an adult at risk for sexually abusing a child, or are a friend or family member of a sexual abuser and/or \\
victim, or a parent of a child with sexual behavior problems, call the STOP IT NOW! Helpline, 1-888-PREVENT \\
(773-8368). Mon.-Fri. 9am-5pm.
\end{tabular}

\section*{English}

Return to the Faculty of the School of Arts and Sciences

Tanya Agathocleous, Associate Professor, English; BA Brown; PhD Rutgers
Meena Alexander, Distinguished Professor, English; BA Khartoum (Sudan), PhD Nottingham (UK)
Cristina L. Alfar, Associate Professor; BA, MA California State (Fresno), PhD Washington (Seattle)

Jeff Allred, Associate Professor, English; BA Williams, PhD Pennsylvania
Kelvin Black, Assistant Professor, English; BA Duke; Ph.D. University of California, Berkeley
Mark Bobrow, Lecturer, English; BA Cornell, MA City College, MPhil CUNY
Peter Carey, Distinguished Professor, English
Sarah Chinn, Associate Professor and Chair, English; BA Yale, MA, PhD Columbia
Chong Chon-Smith, Assistant Professor, English; BA Texas (Austin), MA Hawaii (Manoa), PhD California (San Diego)

Rebecca Connor, Associate Professor, English; BA Wesleyan, PhD Stanford

Nijah Cunningham, Assistant Professor, English; BA Boston College, PhD Columbia
Louise DeSalvo, Jenny Hunter Professor in Creative Writing and Literature, English; BA Douglass, MA, PhD NYU
Jeremy Glick, Assistant Professor, English; BA, MA, PhD Rutgers
Karen Greenberg, Professor, English; BA Queens, MA, PhD NYU
Lynne Greenberg, Associate Professor, English; BA Brown, JD Chicago, PhD CUNY
Wendy Hayden, Assistant Professor, English; BA Montclair State; MA, PhD Maryland, College Park

Marlene Hennessy, Associate Professor, English; BA Bard, MA, PhD Columbia
Gavin Hollis, Assistant Professor, English; BA Trinity Hall College, Cambridge University (UK); MPhil University of Birmingham (UK); PhD Michigan, Ann Arbor

Nico Israel, Professor, English; BA California (Los Angeles), PhD Yale

Leigh Jones, Assistant Professor, English; BA Seattle, MA Washington State, PhD Arizona

Richard Kaye, Associate Professor, English; BA Chicago, PhD Princeton
Jan Heller Levi, Associate Professor, English; BA Sarah Lawrence

Ramesh Mallipeddi, Assistant Professor, English; BA University of Mysore, India; MA Jawaharlal Nehru University (India); MA, PhD Cornell

Donna Masini, Associate Professor, English; BA Hunter, MA NYU

Paul McPherron, Assistant Professor, English; BA University of Illinois; MA, PhD California (Davis)
Evelyn Melamed, Assistant Professor, English; AB, MA Adelphi, MA City College
Mark J. Miller, Associate Professor, English; BA Arizona, MA, PhD Pennsylvania State

Janet Neary, Assistant Professor, English; BA California (Santa Cruz); MA, PhD California (Irvine)
Elizabeth Nunez, Distinguished Professor, English; BA Marian College; MA, PhD NYU
Katherine J. Parry, Professor, English; Dip Ed Makerere College (Uganda), MA Cambridge (UK), EdM, EdD Teachers College, Columbia

Sonali Perera, Associate Professor, English and Deputy Chair; BA California (Berkeley); MA, PhD Columbia
Angela Reyes, Professor, English and Deputy Chair; BA Michigan State, MSEd Penn State, PhD Pennsylvania
Amy Moorman Robbins, Associate Professor, English; BA Washington (Seattle), MA Portland State, PhD California (Riverside)

Dow Robbins, Doctoral Lecturer, English; BA California (Santa Cruz), BA, MA Portland State; PhD California (Riverside)

Thomas R. Sleigh, Distinguished Professor, English; MA Johns Hopkins
Trudith M. Smoke, Professor, English; BA Queens, MA, PhD NYU
Michael Thomas, Associate Professor, English; BA Hunter, MFA Warren Wilson College
Neal Tolchin, Associate Professor, English; BA Ramapo, PhD Rutgers
Sylvia Tomasch, Professor, English; BA Brooklyn, PhD CUNY
Alan Vardy, Associate Professor, English; BA, MA Simon Fraser (Canada), PhD Washington (Seattle)
Barbara Webb, Associate Professor, English; BA Bryn Mawr, MA, PhD NYU
Stephen Wetta, Lecturer, English; BA Virginia Commonwealth, MA, PhD NYU
David Winn, Assistant Professor, English; BA California (Irvine), MA Colorado

Return to the Department of English

\section*{Equal Opportunity and Non-Discrimination Policy}

\author{
return to: Section V: Institutional Policies
}

\section*{Equal Opportunity and Non-Discrimination Policy}

Hunter is committed to a policy of equal employment and equal access in its educational programs and activities. Diversity, inclusion, and an environment free from discrimination are central to the mission of the City University of New York.

It is the policy of Hunter to recruit, employ, retain, promote, and provide benefits to employees (including paid and unpaid interns) and to admit and provide services for students without regard to race, color, creed, national origin, ethnicity, ancestry, religion, age, sex (including pregnancy, childbirth and related conditions), sexual orientation, gender, gender identity, marital status, partnership status, disability, genetic information, alienage, citizenship, military or veteran status, status as a victim of domestic violence/stalking/sex offenses, unemployment status, or any other legally prohibited basis in accordance with federal, state and city laws.

It is also the Hunter's policy to provide reasonable accommodations when appropriate to individuals with disabilities, individuals observing religious practices, employees who have pregnancy or childbirth-related medical conditions, or employees who are victims of domestic violence/stalking/sex offenses.

This Policy also prohibits retaliation for reporting or opposing discrimination, or cooperating with an investigation of a discrimination complaint. Furthermore, any individual who believes that he or she has experienced employment discrimination on account of any of the above identities should immediately contact John T. Rose. Any individual who believes that he or she has experienced any form of discrimination under Title IX of the Education Amendments of 1972 may also contact the US Department of Education, Office of Civil Rights. In addition, Professor Jennifer Samson of the Department of Special Education is the college's 504/ADA Coordinator. The Vice Presidents, Deans, Directors, Managers and Supervisors share responsibility for ensuring our compliance with these policies and laws.

CUNY's Non-Discrimination Policy

\section*{ESL (English as a Second Language) Designation}

Students whose secondary school education includes at least one year in a high school where a language other than English is the primary language of instruction are designated as ESL students. ESL students who are admitted to Hunter may be permitted to register even if they received failing scores on the CUNY skills assessment tests in reading and/or writing. (A passing score on the CUNY Math Assessment Test (CMAT) is required for ESL designation.

These students are tested for placement in appropriate developmental courses and receive special advisement regarding program planning. ESL students may take developmental English courses for two semesters and are permitted to enroll at Hunter for an additional two semesters before being required to pass the skills test. Additional information about placement and program planning for ESL students is available at the Office of Student Services.

\title{
Faculty of Hunter-Bellevue School of Nursing
}

\section*{Return to Faculty}

Judith Aponte, Associate Professor, Nursing; AA NYC Technical College, BS, MS Nursing Hunter, PhD Columbia
Steven Baumann, Professor, Nursing; BS Nursing Malloy, MSN Catholic, PhD Adelphi
Mary F. L. Belmont, Distinguished Lecturer; BS Cornell - New York Hospital School of Nursing; MA Columbia Teachers College; MS Hunter Bellevue School of Nursing; EdD Columbia Teachers College

Kunsook Bernstein, Associate Professor, Nursing; BS Seoul National (Korea), MA NYU, PhD Adelphi
Lorraine Byrnes, Associate Professor and Director of Undergraduate Programs, Nursing; BS Nursing Regents, MS Nursing Stony Brook (SUNY), PhD Columbia

Elizabeth Capezuti, W. R. Hearst Chair in Gerontology Nursing and Assistant Dean for Research, Nursing; BS Nursing Lehman, MS Nursing Hunter, PhD U Pennsylvania

Margaret Cocozza, Lecturer, Nursing; AA Marymount College, BS Nursing Long Island U, MA Nursing NYU
Christine Cutugno, Clinical Professor, Nursing; BS Nursing Cornell, MEd Columbia, PhD NYU
Jennifer DiPiazza-Sileo Assistant Professor Nursing, BS MS PhD Columbia

Frank Flammino, Associate Dean of Administration, Nursing; BA Pennsylvania, MBA Wharton (U of Pennsylvania), PhD California at Santa Barbara

Christine Anne Ganzer, Assistant Professor, Nursing,; BS Syracuse U, MA NYU, MS Nursing SUNY Stony Brook, PhD U Arizona

Lori Smith Goshin, Assistant Professor, Nursing; BA MSN Nursing U Texas Austin, PhD Columbia
Norma Hannigan, Clinical Professor, Nursing; BS Nursing MS Hunter, MS Nursing Pace, DNP Columbia
Caroline Hewitt, Assistant Professor, Nursing; BA Skidmore, MSN Massachusetts General Hospital Institute for Health Professions, DNS Grad Center/CUNY

Mary Hickey, Clinical Professor, Nursing; BS Nursing Georgetown, MS Nursing Adelphi, EdD Dowling
Abigail Kotowski, Assistant Professor Nursing; BS Nursing City College NY, MS Nursing Hunter, PhD Graduate Center CUNY

Gail McCain, Joan Hansen Grabe Dean and Professor, Nursing; BA Baldwin Wallace, MA Kent State, MS Nursing SUNY Buffalo, PhD Case Western Reserve

Donna Nickitas, Professor, Nursing; AAS Kingsborough (CUNY), BS Nursing Stony Brook (SUNY), MA NYU, PhD Adelphi

Anita Nirenberg, W. R. Hearst Professor of Clinical Nursing, Nursing; AAS Bronx (CUNY), BS Nursing Skidmore, MS Nursing Columbia, PhD Columbia

Lynda Olender, Distinguished Lecturer, Nursing \& Director Graduate Programs; BS Nursing College of Staten Island NY, MA Nursing NYU, PhD Seton Hall

So Hyun Park, Assistant Professor, Nursing; BS Catholic University (Seoul, Korea), MS Columbia, PhD Yale

Barbara Ravida, Lecturer Nursing, AAS Beth Israel School of Nursing NY, BS Nursing Pace, MS Nursing Hunter, MS Seton Hall

Charles Reuter, Assistant Professor, Nursing; BS, MS Kean
Joseph Saladino, Lecturer, Nursing; BA Queens (CUNY), AAS Pace, MS Nursing Stony Brook (SUNY)
Jin Young Seo Assistant Professor Nursing, BS Nursing KyungPook National U South Korea, MS, PhD SUNY Buffalo

Leighsa Sharoff, Associate Professor, Nursing; BS Nursing Adelphi, MS Nursing Hunter, EdD Columbia
Mitchell Solovay, Lecturer, Nursing; AA Nassau Community College, BA BS (Nursing) SUNY Stony Brook, MS Nursing Hunter.

Vidette Todaro-Franceschi, Professor, AAS, BSN College of Staten Island, MS Nursing Hunter, PhD NYU

Return to the Hunter-Bellevue School of Nursing

\section*{Faculty of the School of Urban Public Health}

Return to Faculty

David U. Himmelstein, Professor; MD, Columbia; Health Care Finance and Policy, Health Services Research, Health Care Inequality, Social Justice

May May Leung, Assistant Professor; PhD, RD, The University of North Carolina; Childhood Obesity, Health Communication, Translational Research

Khursheed Navder, Professor; PhD, Kansas;Body Composition, Lipid and Alcohol Metabolism, Textural Sensory Evaluation of Foods

Charles Platkin, Distinguished Lecturer; PhD, Florida International University; JD, Fordham University; Health Messaging and Behavior Change, Obesity in Adolescents and Adults

Steffie Woolhandler, Professor; MD, LSU New Orleans, MPH U.C. Berkeley; Health Care Finance and Policy, Health Services Research, Health Care Inequality, Social Justice

Ming-Chin Yeh, Associate Professor; PhD, University of North Carolina at Chapel Hill; Overweight and Obesity Prevention and Management, Diabetes Prevention, Lifestyle Intervention

Philip Alcabes, Professor; PhD, Johns Hopkins University; Public mental health, cultural determinants of illness, community health policy and ethics.

Victoria Fischer, Assistant Professor; PhD, Stony Brook University; Pathophysiology, folate and obesity
Steven Trasino, Assistant Professor; PhD, University of Maryland; Micronutrient and Phytochemical Metabolism in Obesity and Diabetes.

\section*{Faculty of the School of Arts and Sciences}

Return to Faculty

Africana and Puerto Rican/Latino Studies

Anthropology
Art and Art History
Asian American Studies

Biological Sciences
Chemistry
Classical and Oriental Studies

Comparative Literature Faculty Committee
Computer Science
Dance

Economics and Accounting Faculty

English
Film and Media Studies
Geography
German
History
Human Rights Policy and Curriculum Committee
Jewish Studies
Latin American and Caribbean Studies
Mathematics and Statistics
Medical Laboratory Sciences
Music
Philosophy
Physics and Astronomy
Political Science
Psychology Faculty
Public Policy
Religion
Romance Languages
Sociology
Theatre
Thomas Hunter Honors Program
Urban Policy and Planning
Women and Gender Studies

Return to Faculty

\section*{Faculty of the School of Education}

\section*{Curriculum and Teaching}

Marcus Artigliere, Lecturer; MA, Hunter; TESOL

Laura Baecher, Associate Professor; EdD, Teachers College, Columbia; TESOL
Carmen Sherry Brown, Assistant Professor; EdD Buffalo; Early Childhood Education
Nadine Bryce, Associate Professor; EdD, Teachers College, Columbia; Reading and Language Arts
Jenny Castillo, Associate Professor; PhD, CUNY; Hispanic and Luso-Brazilian Literature
Brian Collins, Assistant Professor; PhD, NYU; Bilingual Education
Stephen DeMeo, Professor; EdD, Teachers College, Columbia; Secondary Science Education
Anne M. Ediger, Professor; PhD, UCLA; Applied Linguistic
Terrie Epstein, Professor; EdD, Harvard; Education
Carla España, Lecturer; MSEd, Hunter; Childhood Education with Bilingual Extension; M. Div, Princeton Theological Seminary; Religion and Society

Timothy Farnsworth, Associate Professor; PhD, UCLA; Applied Linguistics
Francis Gardella, Associate Professor; EdD, Rutgers; Mathematics Education

Marshall George, Olshan Professor of Clinical Practice; EdD, Univ. of Tennessee Knoxville; English Education and Educational Leadership

Robert Gyles, Professor; PhD, NYU; Mathematics Education/Curriculum and Instruction
Yang Hu, Associate Professor and Chair (spring 2017); EdD, Teachers College, Columbia; English Education
Marcia Knoll, Associate Professor; EdD, St. John's; Curriculum and Teaching
Karen Koellner, Professor; PhD, Arizona State; Mathematics
Patricia Martin, Lecturer (Doctoral); PhD CUNY; Clinical Psychology
Janet Patti, Professor; EdD, Northern Arizona; Education
Lacey Peters, Assistant Professor; PhD Arizona State; Early Childhood Education
Anthony Picciano, Professor; PhD, Fordham Univ.; Educational Administration, Technology
Nicora Placa, Lecturer (Doctoral); PhD, NYU; Teaching and Learning

Jody Polleck, Associate Professor; PhD, NYU; English Education
Dennis Robbins, Associate Professor; EdD, Teachers College, Columbia; Science Education

Christine Rosalia, Assistant Professor; PhD, Teachers College, Columbia; Educational Communications \& Technology

Melissa Schieble, Associate Professor; PhD, Univ. of Wisconsin-Madison; Curriculum/Instruction

Benjamin Shuldiner, Distinguished Lecturer; MSEd, Baruch College; Educational Leadership
Debbie Sonu, Associate Professor; EdD, Teacher's College, Columbia; Curriculum and Teaching Urban-Multicultural Education

Christina Taharally, Associate Professor;EdD, Univ. of Massachusetts (Amherst); Early Childhood Education
Virginia Tong, Assistant Professor; PhD, NYU; Bilingual Education

John Toth, Distinguished Lecturer; PhD, European Graduate School; Media \& Communications

Jenny Tuten, Associate Professor; PhD, Fordham; Language and Literacy Education
Sandra Wilde, Professor; PhD, Univ. of Arizona; Elementary Education

Jason Wirtz, Associate Professor and Acting Chair (fall 2016); PhD, Michigan State; Rhetoric and Writing
Michael Zamansky, Distinguished Lecturer; MS, NYU; Computer Science

\section*{Educational Foundations and Counseling Programs}

Markus Bidell, Associate Professor; PhD, Univ. of California, Santa Barbara; Clinical Counseling/School Psychology

Sarah Bonner, Associate Professor; PhD, Univ. of Arizona; Educational Psychology
Tamara Buckley, Associate Professor; PhD, Teachers College, Columbia; Counseling Psychology

Elizabeth Cardoso, Professor; PhD, Univ. of Wisconsin-Madison; Psychology
Peggy P. Chen, Associate Professor; PhD, CUNY; Educational Psychology

Yung-Chen Chiu, Instructor (spring 2017); MEd, The Pennsylvania State University; Counselor Education
Amanda Crowell, Lecturer (Doctoral); PhD, Teachers College; Cognitive Studies in Education

Henry L. Evans, Lecturer; MFA, Columbia; Writing
Alexander W. Fietzer, Assistant Professo; PhD, Fordham; Counseling Psychology

Jorge Fuentes, Assistant Professor; EdD Grambling State; Student Development and Personnel Affairs
Sherryl Browne Graves, Professor and Acting Senior Associate Dean; PhD, Harvard; Clinical Psychology, Public Practice

Calliope Haritos, Associate Professor; PhD, CUNY; Developmental Psychology
John Keegan, Assistant Professor; PhD, Univ. of Wisconsin-Madison; Rehabilitation Psychology

Mario A. Kelly, Associate Professor; EdD, Univ. of Rochester; Developmental/Educational Psychology
Kimberly Kinsler, Professor; PhD, CUNY; Educational Psychology

Michelle Lask, Distinguished Lecturer; EdM, Teachers College; Psychological Counseling
Gess LeBlanc, Associate Professor and Chair; PhD, CUNY; Developmental Psychology
Fredericka Liggins, Lecturer (Doctoral); EdD, National-Louis University; Adult Education
Michael Middleton, Professor and Dean; PhD, The University of Michigan; Education and Psychology
Veronica Muller, Assistant Professor; PhD, Univ. of Wisconsin-Madison; Rehabilitation Psychology

John Ranellucci, Assistant Professor; PhD, McGill University; Educational Psychology
Ruth Rose, Lecturer; MA, Southern Illinois; Linguistics/EFL
Jeanne Weiler, Associate Professor; PhD, SUNY (Stony Brook); Social Foundations of Education

\section*{Special Education}

Jamie Bleiweiss, Assistant Professor; PhD, SUNY (Stony Brook); Clinical Psychology
Elissa Brown, Distinguished Lecturer, PhD, College of William and Mary; Educational Policy, Planning and Leadership

John Brown, Distinguished Lecturer; PhD, CUNY; Psychology
David Connor, Professor and Chair; EdD, Teachers College, Columbia; Curriculum and Teaching, Learning Disabilities

Kathryn Furlong-Silverio, Clinical Professor; MSEd, Hunter; Learning Disabilities
Elaine Gale, Assistant Professor; PhD, Univ. of Colorado, Boulder; Speech, Language and Hearing Sciences
Katherine Garnett, Professor; EdD, Columbia; Assessment and Curriculum Development-Learning Disabilities
Virginia Gryta, Lecturer; MSEd, Hunter; Childhood Special Education
Kristen Hodnett, Clinical Professor; MS, Hunter; Special Education

Bonnie Keilty, Associate Professor; EdD, The George Washington University; Early Intervention/Early Childhood Special Education

Elizabeth Klein, Clinical Professor; MS, Hunter; Special Education
Jennifer Klein, Lecturer; MA, Teachers College; Educational Psychology
Timothy Lackaye, Assistant Professor; EdD, Teachers College, Columbia; Learning Disabilities
William Longsworth, Clinical Professor; MS; Hunter; Special Education
Thomas C. McIntyre, Professor; PhD, Univ. of Connecticut; Emotional and Behavior Disorders

Xuchys Perez, Assistant Professor; PhD, Univ. of Miami; Teacher Preparation
Gina Riley, Assistant Professor; PhD, Walden; Educating Young Adults

Jennifer Samson, Associate Professor; EdD, Harvard ; Human Development and Psychology
Rosanne K. Silberman, Professor; EdD, Columbia; Visual Impairment, Severe/Multiple Disabilities
Melinda Snodgrass, Assistant Professor; PhD, University of Illinois; Special Education
Ellen Trief, Professor; EdD, Teachers College, Columbia; Visual Impairment, Severe/Multiple Disabilities

Federal Pell Grant eligibility is restricted to a maximum of \(\mathbf{1 2}\) full-time semesters or the equivalent number of years.

The calculation of the duration of your Pell grant eligibility will include ALL years you received Federal Pell grant funding. Your Pell grant duration will be determined by adding together each of your annual percentages of the scheduled award that were disbursed to you. A student enrolled full-time throughout the fall and spring semesters would earn \(100 \%\) of their Pell Grant each year.

\section*{Satisfactory Academic Progress Standards for federal financial aid are more restrictive.}

Effective July 1. 2012, if you are placed on academic probation you will be ineligible for Pell Grant. SEOG, Federal Work-Study. Federal Perkins and Federal Direct Student Loans. If you can demonstrate exceptional or extenuating circumstances resulted in your failure to satisfy academic requirements you may appeal to receive federal funding. The student' s academic adviser must submit an "academic action plan" that indicates it will be possible for the student to regain eligibility for the next semester.

\section*{Undergraduate Direct Subsidized loan interest rate}

Effective July 1, 2014 the Federal Direct Stafford subsidized loan will remain interest-free while undergraduate students are enrolled in school at least half-time, however the interest rate will be 3.76\%.

\section*{Subsidized loans for graduate students are no longer available.}

Graduate students will no longer be eligible for subsidized loans. While the total annual loan limit that students can borrow will remain at \(\$ 20,500\), the full amount will be unsubsidized, accruing a \(5.31 \%\) interest while in school.

\section*{Film and Media Studies}

Return to the Faculty of the School of Arts and Sciences

Kelly Anderson, Professor, Film and Media Studies; BA Brown
Andrew Demirjian, Assistant Professor, Film and Media Studies; BA Clark, MFA Hunter (CUNY)
Stuart B. Ewen, Distinguished Professor, Film and Media Studies; BA Wisconsin (Baraboo), MA Rochester, PhD SUNY (Albany)

Michael Gitlin, Associate Professor, Film and Media Studies; BA Indiana, MFA Bard
Tami Gold, Professor, Film and Media; BA Friends World College
Steven Gorelick, Distinguished Lecturer, Film and Media Studies; BA California (Riverside), MA Columbia, PhD CUNY

Karen Hunter, Distinguished Lecturer, Film and Media Studies; BA Drew
Michael J. Hurbis-Cherrier, Professor, Film and Media Studies; BA Michigan, MFA Northwestern
Martin Lucas, Lecturer, Film and Media Studies; BFA NYU, MFA Vermont College of Fine Arts
Andrew Lund, Associate Professor, Film and Media Studies; MFA, JD Columbia

Ivone Margulies, Associate Professor, Film and Media Studies; MA Fed. Univ. of Rio de Janeiro (Brazil), MA, PhD NYU

Sissel McCarthy, Distinguished Professor, Film and Media Studies; BA Dartmouth, MS, MIA Columbia
Joe McElhaney, Professor, Film and Media Studies; BA, MFA, PhD NYU
Gustavo Mercado, Associate Professor, Film \& Media Studies; BA, MFA CUNY
Ricardo Miranda, Associate Professor, BA University of California at Berkeley; MFA CMU
Greggory Morris, Assistant Professor, Film and Media Studies; BS, MPA Cornell
Isabel Pinedo, Associate Professor, Film and Media Studies; BA St. John's, MA Chicago, PhD CUNY
Timothy Portlock, Associate Professor, Film and Media Studies; BFA Kansas City Art Institute, MFA Chicago, MFA Illinois

James Roman, Professor and Chair, Film and Media Studies; BA, MA Brooklyn, EdD Fairleigh Dickinson
Laurence Shore, AssociateProfessor, Film and Media Studies; BA Witwatersrand (South Africa), MA Pennsylvania, MA, PhD Stanford

Robert H. Stanley, Professor, Film and Media Studies; BA SUNY (Albany), MA Queens, PhD Ohio State
Shanti Thakur, Associate Professor, Film and Media Studies; MFA Temple
Joel Stewart Zuker, Associate Professor, Film and Media Studies; BA Ohio State, MA, PhD NYU

Return to the Department of Film and Media Studies

\section*{Financial Need}

All funds from federal financial aid programs administered by the Office of Financial Aid are awarded on the basis of financial need, with the exception of the Federal Direct Unsubsidized Loan and the Federal Direct PLUS (Parent) Loan.

When the student applies for federal student aid, the information that is reported on the FAFSA is used in a formula, established by the U. S. Dept. of Education and approved by the U.S. Congress, that calculates the Expected Family Contribution (EFC), the amount that the student and the student's family are expected to contribute toward the student's education.

There is not a maximum EFC that defines eligibility for the other financial aid programs. Instead, the EFC is used in an equation to determine financial need:

Cost of Attendance
- Expected Family Contribution (EFC)
\(=\) Financial Need
The Financial Aid Office subtracts the Expected Family Contribution (EFC) from the Cost of Attendance. The remainder is the student's financial need. In determining the student's need for aid from the federal financial aid programs, the Financial Aid Office must first consider other aid the student is expected to receive.

\section*{Fire Safety Plan}
return to Section VII: Health \& Safety Policies and Procedures
- Use of Elevators during a Fire
- If elevators can be used during a fire
- When there is a report of a fire alarm in the building
- For your Safety
- Fire Alarm
- Instructions for Fire Reporting and Evacuation Procedure
- Fire Safety Plan for the Disabled
- Special Instructions for the handling of Disabled Persons

\section*{Use of Elevators during a Fire}

No person should ever use an elevator in a fire unless so directed by Fire Department personnel. Using an elevator in a fire is extremely dangerous. The college has been informed by the Fire Department that the use of elevators in a fire has, in many cases, resulted in many unfortunate and unnecessary deaths.

The New York City Fire Department has informed Hunter College that the Fire Department has the primary responsibility to determine if elevators can be used to transport disabled persons during fire emergencies. Fire Department officials also state that they are responsible for relocating disabled persons to a safe location if such relocation is necessary. Disabled persons should wait in the designated stairwell on the floor that they are on at the time of an emergency.

The New York City Fire Department considers transporting disabled persons in an emergency a highly risky procedure. The relocation process may subject disabled persons and other persons to accidents and injuries. However, if it is necessary to relocate disabled persons during an emergency, the Fire Department will handle the relocation of disabled persons, using safe procedures and experienced Fire Department personnel.

\section*{If elevators can be used during a fire alarm}
the Fire Department considers use of the elevators to be the best method of relocation because it is practical, safe and efficient. This explains the Fire Department's position of advocating emergency assembly areas for disabled persons. (The Fire Department often refers to this type of assembly area as a refuge area.)

\section*{When there is a report of a fire alarm in the building}
(note: The alarm may be a false alarm or the fire may be in a small section of the building) if disabled persons are not in any danger from the fire or its smoke, the Fire Department does not automatically recommend the relocation of disabled persons. In most cases, the Fire Department would not recommend that such persons be removed from the building. Instead, the Fire Department would recommend that such persons be moved to a safe location within the building.

Note: It is extremely important that the Hunter College community understand the procedure of the New York City Fire Department for evacuating a building that is experiencing a fire. Everyone in the building should not automatically be evacuated to the street. Nor should everyone be relocated within the building. This is the policy for ambulatory persons as well as non-ambulatory persons.

If you have any questions regarding the standards used to determine the need for evacuating the buildings, call the Director of Public Safety and Security at (212) 772-4521.

\section*{For Your Safety}

The Hunter West, East, North and Thomas Hunter Buildings are equipped with Fire Emergency notification devices. It is the responsibility of everyone to become familiar with their location and their use. These Fire Emergency notification devices consist of the following:

\section*{Fire Alarm}

The Fire Alarm Pull Stations are small, red boxes. They are wall mounted and located next to a fire exit. Printed on these pull stations is PULL HERE IN CASE OF FIRE.

To activate the Fire Alarm Pull Station, follow these steps:
1. Pull down the RED lever on the Fire Alarm Pull Station box. This will cause the fire alarm to sound on the fire door and on the floor above. In addition, it will send a signal to the Fire Command Station. The Fire Safety Director at the Fire Command Station will carry out the fire emergency procedures. Make yourself familiar with them now, so that in an emergency you will know what to do.
2. During a fire alarm, Fire Wardens, Fire Searchers and Public Safety Officers have been directed to communicate the number, the location and the status of all disabled persons via Fire Warden phones to the Fire Command Station. The Fire Safety Director will notify members of the New York City Fire Department regarding the status of all disabled persons in the building as soon as the Fire Department arrives on campus.
Note: It is extremely important that the college community understand the protocol of the New York City Fire Department for evacuation of a building that is experiencing a fire. Everyone in the building should not automatically be evacuated to the outside, or, for that matter, be relocated within the building. This is the policy for ambulatory persons as well as non-ambulatory persons

\section*{Instructions for Fire Reporting and Evacuation Procedure}

\section*{A. If you see a fire, do the following:}
1. Call the Fire Department (911), or
2. Call the Public Safety Emergency Number (Security) (212) 772-4444, or
3. Pull the fire alarm.
4. Then, follow the procedures below:

\section*{B. Procedures}
1. Evacuate your area.
2. Close, but do not lock, doors.
3. Follow instructions transmitted over the public address system.
4. Proceed to evacuate the building through designated exits.
5. Evacuate to street if not directed otherwise over the public address system.
6. Before entering any stairwell, touch the door with the palm of your hand. If it is warm or hot, do not enter the stairwell. Proceed to the next stairwell.
7. When leaving the building keep your head turned to the center of the stairway.
8. Walk downstairs-do not run. Do not panic. Remain calm.
9. It is dangerous to use elevators during an evacuation. Only use elevators when authorized to do so by fire emergency personnel.
10. When using the down escalators, make long and wide turns going from one escalator to the next escalator in order to prevent congestion.
11. When you are outside the building, move away from the entrance approximately 200 feet.
12. Wait for the all-clear signal before re-entering the building.

Fire Safety Plan for the Disabled

When there is a fire alarm in one of the college's buildings disabled persons who are unable to walk down steps should assemble at one of the Disabled Persons Fire Emergency Assembly Areas (DPFEAA).

These areas are located on every floor of Hunter's four buildings in the immediate vicinity of each building's elevators. They are near the two stairwells closest to the elevators. The areas are identified by wall signs that identify the area as a Disabled Persons Fire Emergency Assembly Area.

During a fire alarm, fire wardens, fire searchers and security personnel have been directed to communicate the number, the location and the status of all disabled persons via Fire Warden Phones or through security personnel to Hunter College's Fire Command Station. The public safety person at the Fire Command Station will notify members of the New York City Fire Department of the status of all disabled persons in the building as soon as the firefighters arrive on the campus.

When Public Safety Offices Will Relocate Disabled Persons if, for any reason, a disabled person is in imminent danger due to fire, smoke or similar circumstances on campus and members of the Fire Department are not present to relocate the disabled person, Public Safety Officers and other members of the College Fire Brigade will assume the responsibility of relocating that person to a safe location.

Public Safety Officers and members of the Fire Brigade operating under the direction of the Fire Safety Director will take command and make immediate arrangements to have the appropriate disabled person(s) moved to a safe location if necessary.

Note: The Public Safety Officer in charge of the evacuation process will determine the number of carriers needed to relocate a disabled person. Factors to be considered when making these assignments will be the weight of the disabled person, the weight of the wheelchair, the width of the staircase and any other factors that are deemed necessary to successfully carry out these functions without accidents.

This Fire Safety Plan for the Disabled is established to provide for the safety of the disabled members of the Hunter College community and disabled visitors to the college in the event of a fire or other life-threatening emergency. The plan will be implemented in any situation in which there may be a need to relocate disabled persons to a safe location.

The Fire Safety Plan for the Disabled identifies the New York City Fire Department as the agency having the primary responsibility for relocating any disabled person from an endangered floor to a safe location. However, if the Fire Department or other New York City emergency agency response is not exercised in a timely fashion and the situation requires immediate removal of disabled persons, Public Safety and Security Personnel will transport such individual or individuals to a safe location.

The Fire Safety Plan for the Disabled is a part of the Hunter College Fire Safety Plan. All faculty, staff and students are advised to read and be fully familiar with the entire Fire Safety Plan.

\section*{Orientation}
1. Orientation to the Fire Safety Plan, including the relocation procedures, will be provided for disabled faculty, students and staff yearly under the auspices of the 504 Committee.
2. Orientation for new disabled students will be included in the orientation program for entering freshmen.
3. Instructions regarding the Fire Safety Plan and Relocation Procedures will be included in the regularly conducted fire drills.

\section*{Disabled Person Precautions}
1. Remain calm. Your safety and the security of others depend on the absence of panic.
2. Before entering any stairwell, touch the door leading into the stairwell. If the door is warm or hot, do not open or enter the stairwell. Proceed to the next stairwell.
3. If you cannot reach a stairwell near an elevator and you are in an office or classroom and have access to a phone, call Security at 772-4444. Disabled persons and persons who are trapped are the only persons who should call Public Safety during a fire emergency.
4. If you are in an area with a door and cannot reach an exit near the elevators, seal the crack around the door with rags or clothing.
5. Public Safety and Security has a chart indicating all the special rooms in the library designed for use by the disabled. These rooms will be checked during a fire emergency.

\section*{What Emergency Personnel Will Do}
1. The person who searches the floor will report your location to the fire command station. The fire command station will inform the Fire Department of your location.
2. If you are in need of relocation and the Fire Department is not available to relocate you, a member of the Public Safety and Security Department will relocate you to a safe location.
3. If necessary, you will be relocated to a safe floor or taken out of the building.

\section*{Locating Disabled Persons}
1. Public Safety maintains class schedules for disabled students and work schedules for disabled faculty and staff. These schedules will be used to assist emergency personnel to locate disabled persons in an emergency.
2. Students are responsible for reporting their class schedules, their work schedules and schedule changes to the Coordinator for Disabled Student Services (Room 1100 Hunter East).
3. Disabled faculty and staff are responsible for reporting their work schedules and schedule changes to the director of personnel (Room 1502A Hunter East).

\section*{Special Instructions for the handling of Disabled Persons}

\section*{Person Who Is Visually Impaired}

A disabled person who is visually impaired and has to be relocated, but is able to walk downstairs, will be personally escorted to a safe location by a Public Safety Officer, a Fire Warden, a Fire Searcher, or a member of the college Fire Brigade.

\section*{Person Who Has a Hearing Impairment}

A person who has a hearing impairment will be alerted to a fire alarm by a Public Safety Officer, a Fire Warden, a Fire Searcher, or a member of the College Fire Brigade. Those disabled persons will be escorted to a safe location if necessary.

\section*{Special Caution on Lifting and Carrying Disabled Persons}

Before lifting any disabled person, carriers will, if possible, ask the disabled person how they should be lifted. Disabled persons know better than anyone else how they should be lifted or carried in order to avoid any unnecessary injuries to the disabled person.

\section*{Hunter North-Special Instructions}
1. In Hunter North, go to the area near the Fire Tower. The entrance to the Fire Tower is located at the north end of the west corridor (the corridor parallel to Park Avenue).
2. Do not enter the Fire Tower stairwell unless the major portion of the college community has completed its descent.
Responsibility for Implementation
The director of the Department of Public Safety is responsible for the implementation of the Fire Safety Plan.

\section*{Distribution}

The Fire Safety Plan for Disabled Persons will be distributed to all faculty, students and staff who have identified themselves as disabled. The Fire Safety Plan for the Disabled will be distributed with the Hunter College Fire Safety Plan.

If you have any questions regarding the various parameters used to evaluate the necessity of evacuation, please consult with the fire safety director at Ext. 4521.

\section*{Food Services}

Dining facilities are available on the main campus at 68th Street, the Brookdale Campus and the School of Social Work. The Food Services Web link is hunter.avifoodweb.com/.

Main Campus, 68th Street \& Lexington Avenue There are several food outlets on the main campus:
1. The cafeteria on the 3rd floor of Hunter West is open to all Hunter students, faculty, staff and visitors. There are two eating areas adjacent to the food service area. The south side seats around 200 people. The north side seats about 75 and also has several computer terminals for checking of e-mail and Internet reference. A full menu of hot and cold foods and beverages is offered.
South area hours: Monday through Thursday, 7:00 am to 7:00 pm; Friday, 7:00 am to 2:00 pm
North area hours: Monday through Thursday, 11:00 am to 4:00 pm; Friday closed
2. A Starbucks coffee kiosk is located in the lobby of Hunter West, serving beverages and light snacks. Hours: Monday through Thursday, 7:30 am to 7:30 pm; Friday, 7:30 am to 2:30 pm; Saturday 7:30 am to 2:30 pm.
3. The Faculty Dining Room on the 8th floor of Hunter West is open to all Hunter faculty and staff. The facility is open during the fall and spring semesters Monday through Friday, from 11:30 am to 2:00 pm.
Note: for the aforementioned facilities, shorter hours are in effect during semester breaks, summer session and the day before major holidays.

Brookdale, 425 East 25th Street A full service cafeteria for the Hunter health sciences community with many of the same options as the main campus cafeteria. Hours: Monday through Thursday, 7:30 am to 7:30 pm; Friday, 7:30 am to 2:30 pm . The cafeteria is closed during semester breaks, summer session and the day before major holidays.

School of Social Work, 119th Street \& 3rd Avenue Food service options are available at the first floor café, and are currently provided through a local vendor, in keeping with Hunter's commitment to support the East Harlem community.

Vending There are vending machines throughout all of Hunter College's campus locations.

\section*{Formal Complaint}

If the student does not pursue informal resolution, or if informal resolution is unsuccessful, the student may file a written complaint with the department chairperson or, if the chairperson is the subject of the complaint, with the academic dean or a senior faculty member designated by the college president. (This person will be referred to below as the "Fact Finder.") Only students in a faculty member's class or present in another academic setting where the alleged conduct occurred may file complaints against that faculty member.
1. The complaint shall be filed within 30 calendar days of the alleged conduct unless there is good cause shown for delay, including but not limited to delay caused by an attempt at informal resolution. The complaint shall be as specific as possible in describing the conduct complained of.
2. The Fact Finder shall promptly send a copy to the faculty member about whom the complaint is made, along with a letter stating that the filing of the complaint does not imply that any wrongdoing has occurred and that a faculty member must not retaliate in any way against a student for having made a complaint. If either the student or the faculty member has reason to believe that the department chairperson may be biased or otherwise unable to deal with the complaint in a fair and objective manner, he or she may submit to the academic dean or the senior faculty member designated by the college president a written request stating the reasons for that belief; if the request appears to have merit, that person may, in his or her sole discretion, replace the department chairperson as the Fact Finder. The chairperson may also submit a written request for recusal for good cause to the academic dean or senior faculty member designated by the college president to review such requests. If a recusal request is granted, a different department chairperson shall conduct the investigation, or, if no other chairperson is available, an administrator designated by the college president shall serve in the chairperson's stead. Further, the college president may re-assign investigations as necessary, including but not limited to situations in which a Fact Finder has not completed an investigation in a timely manner. In addition, during any time that no department chairperson is available to investigate a complaint, the college president may assign an administrator to investigate.
3. The Fact Finder shall meet with the complaining student and faculty member, either separately or together, to discuss the complaint and to try to resolve it. The Fact Finder may seek the assistance of the campus ombudsman or other appropriate person to facilitate informal resolution.
4. If resolution is not possible, and the Fact Finder concludes that the facts alleged by the student, taken as true and viewed in the light most favorable to the student, establish that the conduct complained of is clearly protected by academic freedom, he or she shall issue a written report dismissing the complaint and setting forth the reasons for dismissal and send a copy to the complaining student, the faculty member, the chief academic officer and the chief student affairs officer. Otherwise, the Fact Finder shall conduct an investigation. The Fact Finder shall separately interview the complaining student, the faculty member and other persons with relevant knowledge and information and shall also consult with the chief student affairs officer and, if appropriate, the college ombudsman. The Fact Finder shall not reveal the identity of the complaining student and the faculty member to others except to the extent necessary to conduct the investigation. If the Fact Finder believes it would be helpful, he or she may meet again with the student and faculty member after completing the investigation in an effort to resolve the matter. The complaining student and the faculty member shall have the right to have a representative (including a union representative, student government representative or attorney) present during the initial meeting, the interview and any postinvestigation meeting.
5. In cases where there is strong preliminary evidence that a student's complaint is meritorious and that the student may suffer immediate and irreparable harm, the Fact Finder may provide appropriate interim relief to the complaining student pending the completion of the investigation. The affected faculty member may appeal such interim relief to the chief academic officer.
6. At the end of the investigation, the Fact Finder shall issue a written report setting forth his or her findings and recommendations, with particular focus on whether the conduct in question is protected by academic freedom, and send a copy to the complaining student, the faculty member, the chief academic officer and the chief student affairs officer. In ordinary cases, it is expected that the investigation and written report should be completed within 30 calendar days of the date the complaint was filed.

\section*{Frankfort Center for Learning and Scholarly Technologies}

The Frankfort Video Analysis project of pre-certification teachers and counselors was initiated in 2007 and has since become a requirement for every degree and certificate candidate at the Hunter College School of Education. This innovative database has been improving professional development and teacher preparation via embedded rubrics and observation tools. The corresponding library of best practices and teachable moments is one of the nation's first archive of indexed student-teaching videos. The VAT/VAC was lauded by the NCTQ in their 2014 rankings of educational programs as a resource that comprises, "promising or exemplary materials from teacher preparation programs."

\title{
Freedom of Information Law
}

\author{
return to: Section V: Institutional Policies
}

Request to inspect public records at the college should be made to the Records Access Officer, Laura Hertzog, Special Counsel to the President, who is located at the Hunter College Legal Office, 695 Park Avenue, 1705 Hunter East, (212) 772-4220. Requests via email may be sent to the attention of Laura Hertzog at the following email address: mesoto@hunter.cuny.edu. Please refer to CUNY's FOIL webpage for additional information.

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\section*{Freshman Admission}

\section*{Academic Preparation}

\begin{abstract}
The best preparation for success at Hunter College is a full program of college-preparatory courses. The college recommends four years of English, four years of social studies, three years of mathematics, two years of foreign language, two years of laboratory science and one year of performing or visual arts.

In addition to providing a strong foundation for college-level coursework, the program recommended above fulfills the 16 units of high school work in academic courses required for admission to a CUNY senior college under the College Preparatory Initiative (CPI). High school students should check with guidance counselors to determine which courses are considered to be academically within the English, mathematics, science, social science, foreign language and fine and performing arts curricula. Freshman admission to Hunter College is competitive. Applicants are considered for admission on the basis of the overall strength of their academic preparation, which includes SAT/ACT scores, high school academic average, the number of academic subjects and the distribution of those courses. A diploma from an accredited high school, an equivalency diploma or a United States Armed Forces diploma is also required for entrance to the college. Neither a high school certificate nor an IEP diploma is acceptable. For more information on how to prepare to apply to Hunter College, visit www.cuny.edu/prepare.
\end{abstract}

\section*{Advanced Placement and College-Level Courses}

Students who have had an Advanced Placement (AP) course in secondary school and who pass the Advanced Placement Tests of the College Entrance Examination Board with grades of 5 or 4 (high honors or honors) are in most cases exempt from taking a corresponding course or equivalent requirement at Hunter. Those who are similarly prepared but whose scores are 3 (creditable) may also be exempt from a corresponding course at Hunter, provided the appropriate Hunter department so recommends.

A maximum of 30 credits can be awarded by examination through the following programs; College Entrance Examination Board Advanced Placement (AP), College-level Examination Program (CLEP) and Regents College Examinations (RCE). Certain academic departments may have restrictions on the award of credits by examination. Check with the department and see the Office of Admissions Web site for additional information.

Students who have completed college-level coursework offered by an accredited senior or community college while in high school will receive credit for courses in which grades of C or better are earned. Official college transcripts must be submitted to the Office of Admissions for credit to be awarded.

\section*{GCE}

The GCE traditionally comprised two levels: the Ordinary Level (O Level) and the Advanced Level (A Level). Hunter College awards 3-4 credit for A-Level subject results of A-E.

\section*{General Rules about Courses}

No course may be repeated for credit unless the course description specifies this. Students may earn credit for the first semester foreign language course (level 101), without completing the second courses (level 102), only once.

\section*{Geography}

Return to the Faculty of the School of Arts and Sciences

Sean Ahearn, Professor and Director, Center for Advanced Research of Spatial Information (CARSI); PhD, Wisconsin (Madison); Agent-based models, space-time analysis, digital image analysis, ecological modeling, emergency response, urban geographic systems

Jochen Albrecht, Professor; PhD, Vechta (Germany); Dynamic or process GIS, spatio-temporal analysis, landscape ecology, crime and health applications

Frank Buonaiuto, Associate Professor; PhD, SUNY (Stony Brook); Oceanography, coastal processes, numerical modeling of waves, tides and sediment transport

Allan Frei, Professor and Deputy Director, CUNY Institute for Sustainable Cities; PhD, Rutgers; Climate change, snow and water resources, modeling

Hongmian Gong, Professor; PhD, Georgia; Urban geography, GIS, transportation, China
Mohamed Ibrahim, Associate Professor; PhD, Alberta; Environmental studies, resource management, sustainable development, Africa, rural water supply and sanitation

Peter Marcotullio, Professor and Director, CUNY Institute for Sustainable Cities; PhD, Columbia; Global Cities, Urban environmental transitions, globalization and urban development, ecosystem approaches to urban and regional environmental planning and management and impacts of urbanization on the environment

Ines Miyares, Professor; PhD, Arizona State; Geographies of immigration and ethnicity, spatial impacts of immigration and refugee law, Latin America and Hawai'i

Wenge Ni-Meister, Professor; PhD, Boston; Remote sensing, land-atmosphere interaction, meteorology, climatology, biogeography

Marianna Pavlovskaya, Professor and Interim Chair; PhD, Clark; Urban and feminists geography, social theory, economies of post-socialist Russia, gender and class, critical GIS, social implications and applications of GIS, urban political ecology

Randye Rutberg, Assistant Professor; PhD, Columbia; paleoclimatology, oceanography, geochemistry, environmental science, environmental public policy

Haydee Salmun, Associate Professor; PhD, Johns Hopkins; Oceanography, global climate, environmental fluid dynamics, land surface-atmosphere-ocean interface

William Solecki, Professor; PhD, Rutgers; Urban environmental change and management, land use and land cover studies, hazards, GIS applications

Karl Szekielda, Research Associate Professor; PhD, Marseille; Remote sensing, oceanography, harmful algae blooms

Return to the Department of Geography

\section*{German}

Return to the Faculty of the School of Arts and Sciences

Lisa M. Anderson, Associate Professor, German; BA Rutgers, MA, PhD Pennsylvania
K. Eckhard Kuhn-Osius, Associate Professor, German; BA McPherson, MA, PhD Colorado

Elke Nicolai, Associate Professor and Chair, German; BA, MA, PhD Siegen (Germany)

Return to the German Department

\section*{German Program Description}

The German department offers courses in the language, literature, and cultures of the German-speaking countries to help students reach high levels of linguistic and cultural proficiency and excel in the field of German studies.

The language and literature curriculum is designed to guide students in a professional, research-based manner from their current levels in the language through well defined stages of proficiency in speaking, reading, writing, and comprehension so that they will reach college-level literacy in German.

Students who complete the elementary and intermediate course sequence (language requirement) can expect to reach a real ability to function in standard situations in a German-speaking environment and to have a solid base for the further study of German.

Students who complete advanced language, literature, and culture courses will gain an understanding and appreciation of German literature and civilization, past and present, will comprehend spoken and written German to a level that they can understand major works of German prose, drama, and poetry and will be well on their way towards the linguistic and cultural capacity for intellectual discourse in written and spoken German.

In teaching and scholarship, faculty serve as mediators between the American and German-language cultures. They have a broad firsthand knowledge of German cultural texts, traditions, issues and trends so that they can support students with diverse interests relating to the German language and cultures and thus help Hunter students in all their endeavors pertaining to things German.

The German Department also offers courses in German literature in English translation for students who have no knowledge of the German language. These courses cannot be applied to the foreign language requirement, nor to the regular German major.

\section*{GPA Requirements for Nursing Programs}

An overall college GPA of 3.2 in addition to other requirements is the minimum requirement for consideration of an application.

\section*{Grading Definition}

Students are to be graded in courses according to the traditional system of letter grades (A, B, C, D and F).
Note: Hunter College implemented plus/minus grading in spring 1996 for undergraduate courses and in fall 1996 for graduate courses. We modified the undergraduate course GPA values and eliminated the grades "C-" and "D+" in spring 2000. These charts have also been updated to include the "WN" grade effective fall 2008.

Retention Standards The Board of Trustees has mandated uniform student retention standards for all the colleges that are part of the City University system. Under these standards, decisions about whether or not students may continue in a CUNY college are made on the basis of the grade point average (GPA). In order to make these decisions, course grades are assigned quality points (which count toward the GPA), as shown in the following table:
\begin{tabular}{|c|c|c|}
\hline Quality Points & Grade Definition & \[
\begin{aligned}
& \text { (GPA } \\
& \text { Index) }
\end{aligned}
\] \\
\hline A+ & 97.5-100\% & 4.0 \\
\hline A & 92.5-97.4\% & 4.0 \\
\hline A- & 90.0-92.4\% & 3.7 \\
\hline B+ & 87.5-89.9\% & 3.3 \\
\hline B & 82.5-87.4\% & 3.0 \\
\hline B- & 80.0-82.4\% & 2.7 \\
\hline C+ & 77.5-79.9\% & 2.3 \\
\hline C & 70.0-77.4\% & 2.0 \\
\hline D & 60.0-69.9\% & 1.0 \\
\hline F & 0.0-59.9\% & 0.0 \\
\hline CR & Credit earned (equivalent to A, B, C) & - \\
\hline NC & No credit granted (equivalent to D or F ) & - \\
\hline W & Official withdrawal (cannot be assigned by instructor) & - \\
\hline WU & Unofficial withdrawal (assigned by instructor) (counts a F) & 0.0 \\
\hline
\end{tabular}

FIN \(\quad\) F from incomplete; an administrative grade used when INC reverts to F; this occurs if grade is not made up by the end of the following semester.
\#F, \#FIN, \#WU failing grade course repeated (No longer used effective spring 2013)
\& (preceding a letter grade): authorized course was repeated
*

WA Administrative withdrawal - Proof of immunization not provided ONLY)

Unofficial withdrawal (Student never attended) - Not counted towards GPA (No longer used effective spring 2013)

Year's course of study - must complete entire year of study. Students cannot graduate with a Y grade on record. See the instructor for department chair for a change of grade.

Auditor - No Credit (Undergraduate students only)
No grade submitted by instructor (an administrative grade which cannot be assigned by the instructor). Students cannot graduate with a Z grade on record. see the instructor or department chair for a change of grade
(preceding a letter grade): unauthorized course was repeated (No longer used effective spring 2013)

Withdraw Drop (Dropped after Financial Aid Certification date during the second or third week of classes. Indicates that student has attended at least one class session)

Absent from final exam, discontinued fall 1988

Never attended. (equivalent to an F grade for fall 2008, spring 2009 and summer 2009

\section*{Grading Policy for Nursing Courses}

\section*{School of Nursing}

Students must receive minimum grades of C in all required nursing courses. One required nursing course (Generic Pathway: NURS 20000, NURS 21000, NURS 24000, NURS 22000, NURS 33100, NURS 33900, NURS 35200, NURS 33200, NURS 34300, NURS 34900, NURS 36000, NURS 45500, NURS 46000, NURS 47000, NURS 49000 NURS 49200 , NURS 42200) is repeatable once by students who have received a failing grade. Students who fail a second required nursing course in the sequence may not repeat that course and may not continue in the nursing major.

Note: Other colleges, graduate schools, professional schools, services and employers may calculate a grade point average inclusive of the failing grades. For questions regarding this policy, check with the Office of Advising Services, Rm 1119 East Building.

\section*{Graduation-in-Absentia}

Undergraduate students who need 15 credits or fewer to fulfill their degree requirements and who have completed the Hunter Core Requirement (including pluralism and diversity, writing and foreign language) and the major requirements may apply for graduation-in-absentia if they must leave the city before completing their studies. They may attend an accredited college in the United States or abroad. Students who must leave before these criteria are met should apply for transfer to another college. Students should contact The Office of Advising for more information.

\section*{Health Careers Preparation Program}

\title{
Post-Baccalaureate Certificate Program in Health Careers Preparation
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\author{
Return to: Health Careers Preparation
}

The Post-Baccalaureate Certificate in Health Careers Preparation Program is designed for students who wish to enter a professional program in medicine, dentistry, optometry, podiatry or veterinary medicine but whose undergraduate education does not meet the requirements for these programs. Students interested in entering programs in nursing, nutrition, physical therapy, pharmacy or physician assistant studies are not eligible for the Post-Baccalaureate Certificate Program.

\section*{Admission Criteria}

We encourage prospective students who meet the admission criteria to apply to our certificate program. All applicants must:
- Hold a baccalaureate degree from an accredited institution with a minimum overall GPA of 3.00 (students with undergraduate degrees in progress are not eligible to apply). Internal Hunter College second degree candidates must have a minimum overall GPA of 3.5 and have completed no more than 12 credits of required science courses (Biology, Chemistry or Physics) at Hunter in order to apply to the program.
- Apply for admission to City University of New York (CUNY), Hunter College.
- Submit a completed Post-Baccalaureate Certificate Program supplemental application by the December 15th deadline.
- Demonstrate their commitment to a career in the health professions through paid or volunteer experience.

\section*{Application Procedures}

Admission to the program is limited to the fall semester. Application to the program is a two-step process. For detailed, step-by-step instructions for completing the application procedures, please refer to the Prospective Post-Baccalaureate Student section of the Pre-Health Website at:
http://www.hunter.cuny.edu/prehealth/the-post-baccalaureate-certificate-program/prospective-students/information-for-prospective-post-baccalaureate-students/

All prospective students must submit a supplemental application directly to the Pre-Health Advising Office at Hunter College. The supplemental application is completed electronically and is available on the Pre-Health website in midfall. In addition to a supplemental application all candidates for the Post-Baccalaureate Certificate Program must apply
to CUNY as transfer students. The 4-digit code for Hunter's Post-Baccalaureate Certificate Program is 0339, and this must be selected in order for the student to be considered for the program. All students must submit their official transcripts directly to CUNY through the CUNY Application Portal. High school transcripts are NOT required. The Admissions Committee may also request an interview and/or letters of recommendation for applicants sometime after the supplemental application has been submitted.

\section*{Deadlines}

Both CUNY and supplemental applications must be received (by CUNY and the Hunter College Pre-Health Office) by December 15 of each year to be considered for admission to the Program in the fall. Applications received after December 15 may not be considered.

\section*{Program Requirements}

To complete the Program, all Post-Baccalaureate Certificate students starting in fall 2010 and after must:
- Complete one year of college-level English. This requirement can be fulfilled by undergraduate transfer credit and/or by taking courses at Hunter College.
- Complete one year of college-level mathematics beyond pre-calculus. This requirement can also be fulfilled by undergraduate transfer credit and/or by taking courses at Hunter. There are two ways to fulfill this requirement at Hunter:
1. MATH 15000 (STEM) (calculus) and MATH 15500 (STEM) (calculus II)
2. MATH 15000 (STEM) (calculus) and STAT 21300 (STEM) (STAT 113 does not fulfill this requirement)
- Complete 38 credits in science (biology, chemistry or physics) at Hunter College.
- Maintain a 3.3 GPA for every semester in the program with no individual course grade below B-.
- Provide 56 hours of service to the Hunter College Community during their time in the program. Tutoring in science courses, mentoring undergraduate students, and assisting with activities sponsored by the Pre-Health Advising Office are examples of activities that fulfill the service commitment requirements.
- Obtain a committee letter from the Pre-Health Advisory Committee at Hunter College.

\section*{Courses and Requirements}

The exact titles and sequence of courses for Post-Baccalaureate students depend on their individual academic needs and availability of courses at Hunter College each semester. Students typically take \(9-12\) credits of mathematics/science per semester but individual students' course loads can vary depending on their schedules of extracurricular activities and other factors.

In addition to the mathematics and English requirements stated above, typical course work for pre-health students includes the following:
- One year of general biology with lab: BIOL 10000 (STEM) and BIOL 10200 (STEM) (4.5 credits each, including lab) offered in spring and fall semesters, respectively.
- One year of general chemistry with lab: CHEM 10200 (STEM) and CHEM 10400 (STEM) (lecture, 3 credits each) and CHEM 10600 (STEM) (lab, 3 credits). CHEM 10400, which serves as a pre-requisite to CHEM 10600 may be taken concurrently to satisfy requirements.
- One year of Organic Chemistry lectures: CHEM 22200 and CHEM 22400 (4 credits each); and one year of Organic Chemistry labs: CHEM 22300 and CHEM 22500 ( 2.5 credits each).
- One year of general physics with lab: PHYS 11000 (STEM) and PHYS 12000 (STEM) (4.5 credits each, including lab).
- One semester of Biological Chemistry BIOL 30000 or a year of Biochemistry CHEM 37600, CHEM 37700 and CHEM 37800

\section*{Additional Courses}

Students may use classes from the following list of upper division biology and chemistry courses to fulfill the requirements for the program:

\section*{Courses}

\section*{BIOL 30600 - Developmental Biology}

\section*{GER}

3/B

Major topics include molecular and cellular mechanisms of early embryonic development in amphibians, mammals and model organisms such as Drosophila, as well as the related subjects of vertebrate organ system development, biology of stem cells and animal cloning. Emphasis is placed on seminal and current research in cell-cell communication, signal transduction and differential gene regulation in developmental processes.
prereq: BIOL 30000
3 hrs (lec)
3 cr.
fall only

\section*{BIOL 35000 - The Biology of Cancer}

\section*{GER}

3/B
When a normal cell becomes a cancer cell there are genetic changes that occur that alter the biology of the cell such that it behaves independent of its neighbors. This course will investigate the altered biology of cancer cells that lead to uncontrolled proliferation and cancer. Topics include: cell culture, the cell cycle, hormones, receptors, intracellular signal transduction, oncogenes, tumor suppressor genes, apoptosis, metastasis, and the etiology of human cancer.
prereq: BIOL 20000, 30000, or perm instr.
3 hrs (lec)
3 cr.

\section*{BIOL 36000-Cellular and Molecular Immunology}

\section*{GER}

3/B

Study of the immune system from a molecular perspective. Molecular genetics of antibody and T cell receptor diversity, hematopoiesis and lymphocyte development, humoral and cellular immunity, histocompatibility. prereq or coreq: BIOL 30000, perm instr.
4 hrs (3 lec, 1 disc)
3.5 cr .
spring only

\section*{BIOL 37000 - Physiology of the Nervous System}

\section*{GER}

3/B

\begin{abstract}
A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only
\end{abstract}

\section*{BIOL 37500 - Molecular Systematics}

\section*{GER}

3/B
An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest in phylogeny and population biology.
prereq: BIOL 30000 or perm instr.
3 hrs
3 cr .

\section*{BIOL 37600 - Endocrinology}

GER
3/B
Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr .
spring only

\section*{BIOL 38000 - Molecular Neurobiology}

\section*{GER}

3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr .
fall only

\section*{CHEM 35000-Biophysical Chemistry}
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Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and
equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4cr

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\section*{CHEM 32200-Organic Chemistry Lecture III}

\section*{GER}

3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.
prereq: CHEM 22400 with grade of C or better, perm instr.
3 hrs
3 cr .

New Required Courses for Medical School

Students intending to apply to medical school are now required to complete

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B
An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .
and

\section*{SOC 10100 - Introduction to Sociology}

\section*{Hunter Core \\ Individual and Society (Social Sciences) -I\&S SS \\ GER \\ 2/B}

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .
Consult the Sociology department or the Pre-Health Advising Office for information about the specific section recommended. These courses can also be satisfied with equivalent transfer credits.

\section*{Note:}

Please refer to the Pre-Health Office website and publications for information regarding the specific coursework and extracurricular activities required by the individual health professional schools.

\section*{Time to Completion}

Students must complete all of the required courses within 36 months in order to receive the certificate. A typical postbaccalaureate student completes the minimum coursework required to take standardized tests such as the MCAT or DAT within this same time period. Many students also go on to take additional upper division courses recommended by many health professional schools during the third (application) year. Decisions about professional school admissions are usually made one year after applications are submitted. Hunter College also has linkage agreements with several medical schools, which allows highly qualified Post-Baccalaureates who have completed all pre-medical requirements to matriculate in the same year in which they apply.

\section*{Additional Fees}

Hunter College Post-Baccalaureates are required to pay additional Academic Excellence fees, which are used to improve the resources available to them. Among other things, these fees entitle students to the additional support of a dedicated Post-Baccalaureate advisor and preparatory courses for standardized tests such as the MCAT. The following is a breakdown of the Academic Excellence Fee structure:
- Resident Full-time students: \(\$ 500\) per semester for 12 credits or more
- Resident Part-time students: \(\$ 50\) per credit
- Non Resident Full-time and Part-time students: \(\$ 90\) per credit

\section*{Health Regulations}

\author{
return to Section VII: Health \& Safety Policies and Procedures
}

Table of Contents
- Health Standards
- Meningococcal Disease
- Medical Records and Examinations
- Student Physical Activity Cards

\section*{Health Standards}

The following are the general health standards for admission, readmission and continuing attendance at Hunter College:
1. The student's health status shall not constitute a danger to any individual or group at Hunter College.
2. The health condition shall not be such that it may be aggravated or intensified by the demands of attendance at the college.
3. Any limitations of activity necessitated by a health problem shall be such that program adjustments will still enable the student to conform to the college's academic requirements.
4. A student's health status shall be such that the student may be expected to continue his or her college work, taking a reasonable number of hours on a continuing basis.
Immunizations Public Health Law 2165 requires college students to present a complete record of two live immunizations against measles and single immunization against mumps and rubella. Students born on or after January 1,1957 must submit a complete immunization record signed by a health practitioner. Noncompliance will prohibit a student from registering for classes.

Public Health Law 2167 requires institutions, including colleges and universities, to distribute information about meningococcal disease to all students meeting the enrollment criteria, whether they live on or off campus. Hunter College, CUNY, is required to maintain a record of the following for each student:
- A response to receipt of meningococcal disease and vaccine information signed by the student or student's parent or guardian. This must include information on the availability and cost of meningococcal meningitis vaccine (Menomune).
-and either-
- A record of meningococcal meningitis immunization within the past 10 years.
-or-
- An acknowledgement of meningococcal disease risks and refusal of meningococcal meningitis immunization signed by the student or student's parent or guardian.

\section*{Medical Records and Examinations}

Matriculated students (including transfer students) are required to submit a medical report by a recognized physician upon admission into certain programs. If a student's medical report or other factors indicate a health problem, the college may require from the student's physician a report from a medical specialist in the area of the student's disability.

\section*{Student Physical Activity Cards}

All eligible students interested in participating in recreational programs at Hunter College must obtain a Physical Activity Card (PAC.) To do so, visit Health Services (307 North) to read and sign the Assumption of Risk and Waiver of Liability form. This form will remain on file in the office. Physical exams, while still encouraged, are not required for participation in Hunter's recreation programs.

\section*{HEGIS Code List}

\section*{Degree, Certificate and Diploma Programs}

The following undergraduate degree, graduate degree, advanced certificate and combined undergraduate/graduate degree programs are offered.

These programs have been approved by the New York State Education Department and are listed in the Inventory of Registered Programs http://www.nysed.gov/heds/irpsl1.html. The Higher Education General Information Survey (HEGIS) code numbers appear next to the appropriate program.

Students are advised that enrollment in other than registered or otherwise approved programs may jeopardize their eligibility for certain student aid awards.

For specific information on a particular undergraduate program - including faculty, admission and degree requirements and course descriptions - consult the appropriate section of this catalog.

For specific information on graduate and advanced certificate programs, consult the Hunter College Graduate Catalog.

\section*{School of Arts and Sciences}

Click here to view the HEGIS Codes for the School of Arts and Sciences.

\section*{School of Education}

Click here to view the HEGIS Codes for the School of Education.

\section*{School of Health Professions}

Click here to view School of Health Professions: Hegis Codes

\section*{Hunter-Bellevue School of Nursing}

Click here to view the HEGIS Codes for the School of Nursing.

\section*{School of Social Work}

Click here to view the HEGIS Codes for the School of Social Work.

\section*{History}

Return to Faculty of the School of Arts and Science

Angelo Angelis, Assistant Professor, History; BA, MA Hunter, PhD CUNY
Richard Belsky, Associate Professor, History; BA Massachusetts (Amherst), MA Cornell, MA, PhD Harvard
Manu Bhagavan, Professor, History; BA Carleton, PhD Texas
Eduardo Contreras, Assistant Professor, History; BA Amherst, MA, PhD Chicago
Donna Haverty-Stacke, Professor, History; BA Georgetown, MA, PhD Cornell
Benjamin Hett, Professor, History; BA Alberta, MA Toronto, MA, PhD Harvard
Daniel Hurewitz, Associate Professor, History; BA California, MA Harvard, PhD California (Los Angeles)
Kellie Carter Jackson, Assistant Professor, History; BA Howard, MA, PhD Columbia

Karen Kern, Associate Professor, History; BS Skidmore, MA, MPH, PhD Columbia
Daniel Margócsy, Associate Professor, History; BA University College Utrecht, MA PhD Harvard
Bernadette McCauley, Associate Professor, History; BA Hunter, MA, PhD Columbia

Elidor Mëhilli, Assistant Professor, History AB, BS Cornell, MA, PhD Princeton
Mary Roldán, Dorothy Epstein Distinguished Professor and Acting Chair, History; BA Harvard-Radcliffe, MA, PhD Harvard

Jonathan Rosenberg, Associate Professor, History; MA, PhD Harvard

Jill Rosenthal, Assistant Professor, History; BA Barnard, MA, PhD Emory
Laura S. Schor, Professor, History; BA Queens, MA, PhD Rochester

Iryna Vushko, Assistant Professor, History; BA L'viv National University, Ukraine, MA Central European University, Budapest, PhD Yale

\section*{Return to History Department}

\section*{Honor Societies}

Two kinds of honor societies are recognized at Hunter College: academic and professional. In general the requirements for nomination are: for academic societies, a cumulative GPA of 3.0 and a departmental GPA prescribed by the department concerned, although in no case less than 3.0; for professional societies, a cumulative GPA of 2.8 and a departmental GPA and professional qualifications that meet departmental requirements. All honor societies except Phi Beta Kappa and Sigma Xi are subject to the rules and regulations established by a committee of the Hunter College Senate. Students may qualify for the following honor societies:
\begin{tabular}{ll} 
Alpha Kappa Delta - Sociology & Omicron Delta Epsilon - Economics \\
Dobro Slovo - Slavic Language and Literature Phi Alpha Theta - History \\
Eta Beta Rho - Hebrew & Pi Mu Epsilon - Mathematics \\
Eta Sigma Phi - Latin and/or Greek & Pi Sigma Alpha - Political Science \\
Gamma Kappa Alpha - Italian & Psi Chi - Psychology \\
Gamma Theta Upsilon - Geography & Sigma Delta Pi - Spanish \\
Kappa Delta Pi - Education & Sigma Epsilon Phi - German \\
Kappa Pi - Art & Sigma Pi Sigma - Physics \\
Kappa Omicron Nu - Food Science & Sigma Theta Tau - Nursing \\
and Human Nutrition &
\end{tabular}

Phi Beta Kappa is the oldest undergraduate honors organization in the United States. Students do not apply for membership; they are elected on the basis of academic excellence. Eligibility is calculated on the basis of liberal arts courses under Phi Beta Kappa rules, which differ from those used in awarding other honors at Hunter College.

Sigma Xi The Scientific Research Society honors those who have made noteworthy contributions in research. Its purpose is "to encourage original investigation in science, to foster companionship and cooperation among scientists, and to maintain honor, integrity and honesty in all scientific activities." It has nearly 65,000 active members, scientists and engineers, whose goal is to improve the human condition. The Hunter College Chapter was installed in 1969.

\section*{Honors Programs}

Hunter College provides a range of honors programs for students with strong academic records and the desire for stimulating courses and a host of special opportunities.

Macaulay Honors College at Hunter College Graduating high school seniors and others who have not yet attended college may apply to the Macaulay Honors College at Hunter College. The mission of this highly competitive program is to inspire and prepare outstanding leaders to confront and solve the social, economic, cultural, and scientific challenges of New York City and the world. Accepted students take a series of interdisciplinary seminars focused on New York City, and work closely with Honors Advisors inorder to learn about and access the diverse resources of CUNY. Generous financial support is provided, allowing students to concentrate on their studies and carefully selected co-curricular activities. For further information,call the Macaulay Honors College office at (212) 650-3556 or see the website: http://www.hunter.cuny.edu/honorscollege.

Thomas Hunter Honors Program (Special Honors Curriculum) This program provides superior students who are pursuing a Hunter BA degree with a course of study suited to their individual needs and interests. Open to students who have demonstrated academic excellence and an interest in interdisciplinary studies and who desire to be intellectually challenged, it offers the opportunity to design a personalized curriculum under the supervision of the Council on Honors. The program also offers its participants the chance to study with faculty members committed to working with outstanding undergraduates who wish to pursue interdisciplinary studies. For details, see the Thomas Hunter Honors Program.

\section*{Undergraduate Research}

\section*{Honors Scholar Programs}

\author{
1113A East
}
(212) 396-6888
scholarprograms@hunter.cuny.edu
http://www.hunter.cuny.edu/scholars

\begin{abstract}
Hunter College provides scholarships, support, and enrichment activities through academically themed cohort programs for incoming freshmen who demonstrate high academic achievement and potential. Programs offer 4 year renewable scholarships, dedicated advisors and faculty mentors, priority registration, priority access to residential housing, and an enriching academic experience through first-year seminar, common readings, and special co-curricular programming. There are nine Honors Scholar Programs:
\end{abstract}
Muse Fine and Performing Arts

Yalow Scientific Research and Medicine
Roosevelt Social Change and Public Policy
Nursing Leadership in the Field of Nursing
Athena Philosophy, Literature, and Humanities
Computer Computer Science
Science

Scholarships

\section*{Human Rights Courses}

\section*{Human Rights}

\section*{About the Program}

Program Description

\section*{Programs and Courses in Human Rights}

Programs and Courses in Human Rights

\section*{Administration and Faculty}

Director of the Human Rights Program and Program Adviser:
Lawrence C. Moss, Distinguished Lecturer
Roosevelt House-RH 404
212-396-6564
lawrence.moss@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/
Policy and Curriculum Committee Chair:
Leonard Feldman, Associate Professor, Political Science
1702 West
lfeldman@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/

\section*{Faculty Advisory Committee}

\section*{HR 12000 - Special Topics in Human Rights}

This course covers special topics in human rights. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. The course may be repeated four times for credit with different topics.
prereq: ENGL 12000; HR 20000 is recommended but not required
3 hrs
3 cr .

\section*{HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)}
```

Pluralism and Diversity
PD/D
GER
3/B

```

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.
prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.
3 hrs
3 cr.
fall and spring; summer when possible

\section*{HR 25000 - Human Rights Internship}

This is a practicum course. It involves students participating in an organization that identifies its mission as the promotion of human rights. The aim of the course is to educate students in the practical dimension of translating human rights discourse and law into practice. The course is required for students seeking a Human Rights Certificate or a minor in Human Rights.
prereq: ENGL 12000 or equivalent; HR 20000 or equivalent
3 hrs
3 cr .
fall, spring, and summer

\section*{HR 26000 - Human Rights Internship Seminar (W)}

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights. prereq: ENGL 12000 and HR 20000
prereq or coreq: HR 25000

3 hrs
3 cr.
fall semesters on Wednesdays, 10:10 a.m. - 1:00 p.m. It is recommended that students not take an earlier Wednesday
morning class, as site visits off campus may start at 10:00 a.m.

\section*{HR 32000-Special Topics in Human Rights}

This course covers special topics in human rights on an advanced undergraduate level. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. May be repeated four times for credit with different topics.
prereq: ENGL 12000; HR 20000 or Permission of Instructor or Permission of Human Rights Program Director
3 hrs
3 cr.

\section*{HR 35000 - Human Rights Capstone Seminar (W)}

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a 20-25 page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.
prereq or coreq: HR 26000
Offered spring 2012; not offered fall 2011

\section*{Human Rights Policy and Curriculum Committee}

Return to the Faculty of the School of Arts and Sciences

Leonard Feldman, Chair, Associate Professor, Political Science; PhD University of Washington
http://www.hunter.cuny.edu/polsci/faculty/Feldman
Roseanne Flores, Associate Professor, Psychology; PhD CUNY
http://www.hunter.cuny.edu/psychology/faculty/cognitive-psychology/flores
Jennifer Gaboury, Lecturer and Assoc. Dir., Women and Gender Studies Program. Political theorist, UC Santa Cruz, New School for Social Research, CUNY Graduate Center
http://www.hunter.cuny.edu/wgs/women-and-gender-studies-staff
Yukiko Koga, Assistant Professor, Anthropology; PhD Columbia
http://www.hunter.cuny.edu/anthropology/faculty-staff/full-time-faculty/koga-yukiko
Lawrence Moss, Distinguished Lecturer and Dir., Human Rights Program; JD Stanford
http://www.roosevelthouse.hunter.cuny.edu/hrp/about/director/

\title{
Human Rights Program Description
}

\author{
Return to Human Rights
}

The Human Rights Program examines the theory and practice of human rights, combining academic training with hands-on experience. By exploring the philosophical foundations and legal framework of human rights, as well as addressing current political, social and economic realities, the program seeks to give students the tools necessary to engage intelligently with contemporary human rights problems. Among the thorny issues students may examine are indigenous peoples' rights to natural resources, the limits of freedom of expression, the problem of corporate complicity in rights violations, the legitimacy of humanitarian intervention, and the problem of enforceability (both of economic, social, and cultural rights, and of civil and political rights).
An interdisciplinary program, the Human Rights Program offers courses in political science, anthropology, sociology and history, among other fields of study. Students may follow either of two academic tracks: a 15 -credit Minor in human rights, or 24 -credit Certificate. A key element of both tracks is the human rights internship, which gives students direct experience with the researchers, advocates, lawyers and analysts who make up the human rights movement. Both the Minor and Certificate in human rights are good preparation for a career in government, at a nongovernmental organization, or in a regional or international agency. Many students may choose to go on to law school, journalism school or a graduate program. Whatever their career choice, their knowledge of human rights will make them more thoughtful and informed citizens.

\section*{Hunter College Campus Schools}

The Campus Schools are located at Park Avenue and 94th Street in Manhattan. They serve as a laboratory for observation, demonstration, research, curriculum design and other projects involving their students, all of whom score in the range of the gifted on intelligence and achievement tests. Students are admitted to the publicly supported schools on the basis of competitive testing. Efforts continue to identify gifted children from diverse backgrounds who meet the schools' rigorous standards for admission to kindergarten and grade 7 (the two levels at which students are admitted).

\section*{Hunter College Elementary School}

Children must be five years of age to attend the kindergarten. Only Manhattan residents are eligible to apply. The age of an applicant is calculated according to the academic year. While some students continue on to the high school from the elementary school, high-achieving students from the five boroughs are invited to take a competitive examination in order to enter Hunter High School at the 7th grade.

\section*{Hunter College Foreign Language Requirement}

The college foreign language requirement may be fulfilled by completion of French, Italian or Spanish 202, 203 or 208 or by demonstrating equivalent proficiency through a departmental examination. Students with prior knowledge of one of the languages should see a departmental adviser and take a placement examination before registering for courses. Students who have a high school diploma in a language other than English or who have studied a foreign language in high school for four years have fulfilled the language requirement. Students should consult a departmental adviser to resolve all matters regarding placement, registration and course offerings.

Please contact the department for details on when placement examinations are offered.
1. Students pursuing a new language will fulfill the language requirement in four college semesters by completing one of the following sequences:
a. French: FREN 10100-FREN 10200 or FREN 10300 and FREN 20100-FREN 20200, or FREN 20300;
b. Italian: ITAL 10100-ITAL 10200, or ITAL 10300 and ITAL 20100-ITAL 20200, or ITAL 20300;
2. Spanish: SPAN 10100-SPAN 10200, or SPAN 10300, or SPAN 10500-SPAN 10600 and SPAN 20100SPAN 20200, or SPAN 20300, or SPAN 20700 and SPAN 20800.

\section*{Hunter College High School}

The Hunter College High School is a six-year junior-senior high school. The academic program stresses both acceleration and enrichment and provides students with a rigorous education. Research focuses on the development of curriculum, teaching strategies and other educational practices that maintain and advance a "state of the art" approach to the education of intellectually gifted students.

\section*{Hunter College Libraries}

\author{
http://library.hunter.cuny.edu
}

\begin{abstract}
The Hunter College Libraries are comprised of our main space, the Leon and Toby Cooperman Library along with the Zabar Art Library and our Archives and Special Collections at 68th Street, the Health Professions Library at the Brookdale Campus and the School of Social Work Library at the Silberman Campus. We have open stack collections and hold over 625,000 volumes and over 6823 print periodical subscriptions, as well as providing access to over 270,000 e-books and over 104,000 electronic periodicals. Hunter College Libraries online resources include primary sources for the past 4 centuries, science and social science datasets, and streaming media and digital images totaling 1.6 million. Our Library spaces include collaborative work areas, smaller study rooms (on a reserve basis) and many areas for quiet study. We also loan out laptops and tablets for student use. Our newly renovated main floor of the 7 -floor Cooperman Library includes an Information Commons, wireless printing services, collaborative study cubicles (CoLabs), a dining area, whiteboard laminated tables, interactive wayfinding devices and a fully wired Reading Room. The main entrance to the Cooperman Library is located on the 3rd Floor of Hunter East.
\end{abstract}

\section*{Hunter College Mission Statement}
return to: Section I: Introduction
Hunter College of the City University of New York, a distinguished public university, values learning in the liberal arts and sciences as a cornerstone of individual development and a vital foundation for a more just and inclusive
society. Continuing our long tradition of expanding opportunity, we welcome students from all backgrounds to engage in a rigorous educational experience that prepares them to become leaders and innovators in their communities and in the world. Hunter also contributes to intellectual discourse by supporting excellent scholarship and creative activity by its accomplished faculty.

Hunter undergraduate, graduate, and professional curricula challenge students to think critically - to approach problems from multiple perspectives, distinguish the questions each raises, and recognize the kinds of evidence each values. The college's academic programs stress the significance of human diversity, emphasize research and artistic creation, and invite students to extend their education beyond campus. We cultivate the qualities our graduates need to thrive in their chosen careers and make a difference as active citizens.

We embrace our setting at the heart of New York City - we seek to draw on its energy, capitalize on its remarkable resources, weave it into the fabric of our teaching, research, and creative expression, and give back to it through our service and citizenship.

\section*{Hunter College of The City University of New York}

Return to General Information
- Administration of Hunter College of the City University of New York
- Hunter College Mission Statement
- College Governance

\section*{Hunter College Students' Rights Concerning Education Records}
- Student Regulations and Rights

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:
1. The right to inspect and review the student's education records.

Students should submit to the registrar, the dean of students, or other appropriate college official, written requests that identify the record(s) they wish to inspect. If the records are not maintained by the college official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

All requests shall be granted or denied in writing within 45 days of receipt. If the request is granted, the student will be provided with copies of the requested records or notified of the time and place where the records may be inspected. Students will be charged a fee for copies of requested records. If the request is denied or not responded to within 45 days, the student may appeal to the college's FERPA appeals officer. Additional information regarding the appeal procedures will be provided by the college's FERPA appeals officer: Office of Legal Affairs, Hunter College, Room 1705 HE, 695 Park Avenue, New York, NY 10065.
2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

Students may ask the college to amend a record that they believe is inaccurate or misleading. They should
write to the registrar, the dean of students, or other appropriate college official, clearly identify the part of the record they want changed and specify why it is inaccurate or misleading. If the college decides not to amend the record as requested by the student, the college will notify the student of the decision and advise the student of his or her right to a hearing before the college's FERPA appeals officer regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosure of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to college officials with legitimate educational interests. A college official is a person employed by the university in an administrative, supervisory, academic or research, or support staff position; a person or company with whom the university has contracted; a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another college official in performing his or her tasks. A college official has a legitimate educational interest if access is reasonably necessary in order to perform his/her instructional, research, administrative or other duties and responsibilities. Upon request, the college discloses education records without consent to officials of another college or school in which a student seeks or intends to enroll.
4. You may appeal the alleged denial of FERPA rights to the: General Counsel and Vice Chancellor for Legal Affairs, The City University of New York, 535 East 80th Street, New York, NY 10065.
5. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the college to comply with the requirements of FERPA.

The name and address of the office that administers FERPA are: Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue SW, Washington, DC 20202-4605.
6. The college will make the following "directory information" concerning current and former students available to those parties having a legitimate interest in the information: a student's name, attendance dates, telephone listing, home address, present address, e-mail address, major and minor fields of study, degrees and awards received, date of birth, place of birth, level of education and the most recent previous educational institution attended. By filing a form with the Registrar's Office, a student or former student may request that any or all of the above information not be released without his or her prior written consent.
This form may be completed, withdrawn, or modified at any time.
This policy shall be effective as of September 2000 and shall supersede prior policy on this issue.

\section*{Students Regulations and Rights}

\section*{Statement on the Rights of Students}

The Hunter College Senate voted endorsement of the following statement on September 24, 1974:

\section*{Preamble}
"Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students and the general well-being of society. Free inquiry and free expression are indispensable to the attainment of these goals....Freedom to teach and freedom to learn are inseparable facets of academic freedom."

Students "have a distinctive role...which qualifies them to share in the responsible authority on campus; the exercise of the authority is part of their education....

Joint efforts among all groups in the institution-students, faculty, administration and governing board-is a prerequisite of sound academic government....Joint effort, to be effective, must be rooted in the concept of shared authority. The exercise of shared authority in college and university government, like the protection of (student and faculty) academic freedom, requires tolerance, respect and a sense of community."
"The responsibility to secure and respect general conditions conducive to the freedom to learn is shared by all members of the academic community."

Students' rights are not limited by what is enumerated in this statement. The purpose of the statement is to outline some basic principles and guidelines, many of which are now met. Specific implementation will have to be continuously adjusted as conditions at the college change.
1. Academic and Personal Files
1. Improper disclosure, even within the college, of academic, personal and disciplinary records is a serious invasion of privacy. To minimize the risk of improper disclosure, academic, personal and disciplinary records should be kept in separate files.
2. All files may be made available only to specially authorized college staff. Express consent of the student involved is otherwise required.
3. Academic records and transcripts should contain only information about scholastic achievement.
4. No records should be kept which reflect the political and off-campus activities or beliefs of students.
5. Non-current medical and disciplinary records should be periodically destroyed.
6. Students have the right to periodically review their academic, medical and disciplinary records and to appeal for removal of items improperly included. If the appeal fails the student has the right to append a written rebuttal to the record.
2. Classroom, Grades, etc.
1. Students have the right, within the limits of available facilities, to pursue any course of study for which they are eligible according to college standards.
2. In order to permit eligible students unhindered access to courses, the costs of required materials should be kept within reasonable limits.
3. Students have the right to know, at the start of each course of study, the basis to be used by the instructor in determining grades.
4. Students' grades should be based solely on academic criteria, not on opinions or conduct in matters unrelated to academic standards.
5. Students should have the opportunity to take reasoned exception to facts or points of view offered in any course of study, but they are responsible for meeting the academic standards of any course of study for which they are enrolled.
6. Students should have the protection through formally established procedures against prejudiced or capricious academic standards or evaluations.
3. Participation in Academic Affairs
1. Students have the right, individually and collectively, to express their views on matters of general interest to the student body, including institutional policy, curriculum and personnel decisions.
2. Students have the right to participate in the formulation and application of institutional policy affecting academic and student affairs.
3. Students should share in the formation of policies regarding degree requirements, courses and curriculum, academic grading systems, standards of academic standing and calendar arrangements.
4. Students should have the opportunity, individually and collectively, to assessthe value of a course and to express their views on the form and conduct of a class which they have taken.
5. The results of an institutional mechanism used for students to assess courses and faculty, such as evaluation questionnaires, should be accessible to all members of the college community and should be weighed in all decisions affecting faculty status and curriculum.
4. Extracurricular Activities
1. Students should be free to form and join associations to promote their common interests.
2. Students have the right to express their opinions, individually and collectively and to support causes in a manner that does not disrupt the orderly operation of the college.
5. Standards of Conduct
1. Students should participate in the formulation of standards of behavior which are considered essential to the educational mission and community responsibilities of the college.
2. The code of conduct, as a set of regulations and procedures, should be clearly stated and published in a handbook or other generally available set of institutional regulations.
3. In all cases, disciplinary procedures should protect the student from capricious and prejudicial application of the rules of conduct. Such procedures should also satisfy the requirements of procedural due process, including written notice with details of charges, sufficient time to prepare a defense, right to assistance in the defense, right to cross-examine witnesses and to present evidence and the right to appeal the decision.
RESOLVED, That these rules and regulations be incorporated in each college bulletin.
Adopted by the Board of Trustees of The City University of New York on June 23, 1969 and amended on October 27, 1980 and May 22, 1989

\section*{Rules and Regulations for Students Pursuant to Article 224A of the NYS Education Law}
1. No person shall be expelled from or be refused admission as a student to an institution of higher education for the reason that he or she is unable, because of his or her religious beliefs, to register or attend classes or to
participate in any examination, study or work requirements on a particular day or days.
2. Any student in an institution of higher education who is unable, because of his or her religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.
3. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school, because of his or her religious beliefs, an equivalent opportunity to register for classes or make up any examination, study or work requirements which he or she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity.
4. If registration, classes, examinations, study or work requirements are held on Friday after four o'clock post meridian or on Saturday, similar or makeup classes, examinations, study or work requirements or opportunity to register shall be made available on other days, where it is possible and practicable to do so. No special fees shall be charged to the student for these classes, examinations, study or work requirements or registration held on other days.
5. In effectuating the provisions of this section, it shall be the duty of the faculty and of the administrative officials of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because of his or her availing himself or herself of the provisions of this section.
6. Any student who is aggrieved by the alleged failure of any faculty or administrative officials to comply in good faith with the provisions of this section, shall be entitled to maintain an action or proceeding in the supreme court of the county in which such institution of higher education is located for the enforcement of his or her rights under this section.
1. It shall be the responsibility of the administrative officials of each institution of higher education to give written notice to students of their rights under this section, informing them that each student who is absent from school, because of his or her religious beliefs, must be given an equivalent opportunity to register for classes or make up any examination, study or work requirements which he or she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to such student such equivalent opportunity.
7. As used in this section, the term "institution of higher education" shall mean any institution of higher education, recognized and approved by the regents of the university of the state of New York, which provides a course of study leading to the granting of a post-secondary degree or diploma. Such term shall not include any institution which is operated, supervised or controlled by a church or by a religious or denominational organization whose educational programs are principally designed for the purpose of training ministers or other religious functionaries or for the purpose of propagating religious doctrines.
8. As used in this section, the term "religious belief " shall mean beliefs associated with any corporation organized and operated exclusively for religious purposes, which is not disqualified for tax exemption under section 501 of the United States code.

\section*{Equal Opportunity Programs}

Hunter College is an Equal Opportunity and Affirmative Action Institution. The college does not discriminate on the basis of race, color, national or ethnic origin, religion, age, sex, sexual orientation, transgender, marital status, disability, genetic predisposition or carrier status, alienage or citizenship, military or veteran status, or status as victim
of domestic violence in its student admissions, employment, access to programs and administration of educational policies.

\section*{Rules and Regulations for the Maintenance of Public Order Pursuant to Article 129A of the NYS Education Law}

The tradition of the university as a sanctuary of academic freedom and center of informed discussion is an honored one, to be guarded vigilantly. The basic significance of that sanctuary lies in the protection of intellectual freedoms: the rights of professors to teach, of scholars to engage in the advancement of knowledge, of students to learn and to express their views, free from external pressures or interference. These freedoms can flourish only in an atmosphere of mutual respect, civility and trust among teachers and students, only when members of the university community are willing to accept self-restraint and reciprocity as the condition upon which they share in its intellectual autonomy.

Academic freedom and the sanctuary of the university campus extend to all who share these aims and responsibilities. They cannot be invoked by those who would subordinate intellectual freedom to political ends, or who violate the norms of conduct established to protect that freedom. Against such offenders the university has the right and indeed the obligation, to defend itself. We accordingly announce the following rules and regulations to be in effect at each of our colleges which are to be administered in accordance with the requirements of due process as provided in the Bylaws of the Board of Higher Education.

With respect to enforcement of these rules and regulations we note that the Bylaws of the Board of Higher Education provide that:
"THE PRESIDENT. The president, with respect to his educational unit, shall:
1. Have the affirmative responsibility of conserving and enhancing the educational standards of the college and schools under his jurisdiction;
2. Be the adviser and executive agent of the Board and of his respective College Committee and as such shall have the immediate supervision with full discretionary power in carrying into effect the bylaws, resolutions and policies of the Board, the lawful resolutions of any of its committees and the policies, programs and lawful resolutions of the several faculties;
3. Exercise general superintendence over the concerns, officers, employees and students of his educational unit...."
1. Rules
1. A member of the academic community shall not intentionally obstruct and/or forcibly prevent others from the exercise of their rights. Nor shall he interfere with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational and community services.
2. Individuals are liable for failure to comply with lawful directions issued by representatives of the university/college when they are acting in their official capacities. Members of the academic community are required to show their identification cards when requested to do so by an official of the college.
3. Unauthorized occupancy of university/college facilities or blocking access to and from such areas is prohibited. Permission from appropriate college authorities must be obtained for removal, relocation and use of university/college equipment and/or supplies.
4. Theft from or damage to university/college premises or property, or theft of or damage to property of any person on university/college premises is prohibited.
5. Each member of the academic community or an invited guest has the right to advocate his position without having to fear abuse, physical, verbal, or otherwise from others supporting conflicting points of view. Members of the academic community and other persons on the college grounds shall not use language or take actions reasonably likely to provoke or encourage physical violence by demonstrators, those demonstrated against, or spectators.
6. Action may be taken against any and all persons who have no legitimate reason for their presence on campus within the university/college, or whose presence on any such campus obstructs and/or forcibly prevents others from the exercise of their rights or interferes with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational and community services.
7. Disorderly or indecent conduct on university/college-owned or controlled property is prohibited.
8. No individual shall have in his possession a rifle, shotgun, or firearm or knowingly have in his possession any other dangerous instruments or material that can be used to inflict bodily harm on an individual or damage upon a building or the grounds of the university/college without the written authorization of such educational institution. Nor shall any individual have in his possession any other instrument or material which can be used or is intended to inflict bodily harm on an individual or damage upon a building or the grounds of the university/college.
9. Any action or situation which recklessly or intentionally endangers mental or physical health or involves the forced consumption of liquor or drugs for the purpose of initiation into or affiliation with any organization is prohibited.
10. The unlawful manufacture, distribution, dispensation, possession, or use of illegal drugs or other controlled substances by University students or employees on University/college premises, or as part of any University/college activities is prohibited. Employees of the University must also notify the College Personnel Director of any criminal drug statute conviction for a violation occurring in the workplace not later than five (5) days after such conviction.five (5) days after such conviction.
11. The unlawful possession, use, or distribution of alcohol by students or employees on university/college premises or as part of any university/college activities is prohibited.

\section*{2. Penalties}
1. Any student engaging in any manner in conduct prohibited under substantive Rules \(1-11\) shall be subject to the following range of sanctions as hereafter defined in the attached Appendix: admonition, warning, censure, disciplinary probation, restitution, suspension, expulsion, ejection and/or arrest by the civil authorities.
2. Any tenured or non-tenured faculty member, or other member of the instructional staff, or member of the classified staff engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be subject to the following range of penalties: warning, censure, restitution, fine not exceeding those permitted by lawor by the Bylaws of The City University of New York, or suspension with/without pay pending a hearing before an appropriate college authority, dismissal after a hearing, ejection and/or arrest by the civil authorities and for engaging in any manner in conduct prohibited under substantive.

Rule 10 , may, in the alternative, be required to participate satisfactorily in an appropriately licensed drug treatment or rehabilitation program. A tenured or non-tenured faculty member or other member of the instructional staff, or member of the classified staff charged with engaging in any manner in conduct prohibited under substantive

Rules 1-11 he or she shall be entitled to be treated in accordance with applicable provisions of the

Education Law, or the Civil Service Law, or the applicable collective bargaining agreement, or the Bylaws or written policies of The City University of New York.
3. Any visitor, licensee, or invitee engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be subject to ejection and/or arrest by the civil authorities.
4. Any organization which authorized the conduct prohibited under substantive Rules \(1-11\) shall have its permission to operate on campus rescinded. Penalties 1-4 shall be in addition to any other penalty provided by law or The City University Trustees.

\section*{Sanctions Defined:}
1. ADMONITION An oral statement to the offender that he/she has violated university rules.
2. WARNING Notice to the offender, orally or in writing, that continuation or repetition of the wrongful conduct, within a period of time stated in the warning, may be cause for more severe disciplinary action.
3. CENSURE Written reprimand for violation of specified regulation, including the possibility of more severe disciplinary sanction in the event of conviction for the violation of any university regulation within a period stated in the letter of reprimand.
4. DISCIPLINARY PROBATION Exclusion from participation in privileges or extracurricular university activities as set forth in the notice of disciplinary probation for a specified period of time.
5. RESTITUTION Reimbursement for damage to or misappropriation of property. Reimbursement may take the form of appropriate service to repair or otherwise compensate for damages.
6. SUSPENSION Exclusion from classes and other privileges or activities as set forth in the notice of suspension for a definite period of time.
7. EXPULSION Termination of student status for an indefinite period. The conditions for readmission, if any is permitted, shall be stated in the order of expulsion.

\section*{8. COMPLAINT TO CIVIL AUTHORITIES}

\section*{9. EJECTION}

A true copy of resolution adopted by the Board of Trustees of The City University of New York on June 23, 1969, as amended on October 27, 1980, May 22, 1989 and June 25, 1990.

\section*{504/ADA Grievance Procedures}

Hunter College encourages the prompt and equitable settlement of all complaints and grievances of discrimination in college programs under Section 504 of the Rehabilitation Act of 1973, as amended ( 29 U.S.C. Section 706) and the Americans with Disabilities Act of 1990 as amended (42 U.S.C. Section 12101-02). Toward that end, both informal and formal grievance procedures are established for the college.

These procedures are available to any student of the college who alleges any action relating to handicap which is prohibited by Section 504, the ADA, or the rules and regulations implementing those laws. No other issues may be raised in these proceedings.

The resolution of a grievance may pass through several steps. Initially, students are encouraged to discuss a complaint with the supervisor of the office involved. Often, this conversation will lead to steps that will alleviate the difficulty. If
this discussion does not lead to a result that is satisfactory to the student, he or she should then begin an informal complaint process with the director of the Office for Access and Accommodations. If the informal complaint process does not yield results satisfactory to the student, a written formal complaint may be filed with the Vice President for Student Affairs.

Students may obtain a written explanation of the entire grievance procedure and the accompanying form from Office for Access and Accommodations, Room 1124 Hunter East. The Section 504 and ADA Coordinator at Hunter College, Professor Tamara Green, is responsible for policies related to the disabled. She can be contacted in Room 1425A Hunter West; (212) 772-5061.

\title{
Hunter College's Policy on Academic Integrity
}
return to: Section V: Institutional Policies
- Procedures for Reporting Academic Integrity Violations
- Committee Structure
- CUNY Examples of Substantial Violations

\section*{Procedures for Reporting Academic Integrity Violations}

To initiate the procedure for addressing an allegation of academic dishonesty, faculty members must complete the online Academic Integrity Form indicating the recommended academic sanction, which involves a grade penalty (i.e., a reduced grade). Disciplinary sanctions may only be pursued by the Dean of Students if the case merits them.

\section*{I. Procedure for Academic Sanctions}
- When the faculty member suspects academic dishonesty and wants an academic sanction, the professor should first confer with the student. If the student admits to the violation, the instructor should inform the student of the grade penalty and report the action taken on the online Academic Integrity Form and upload all supporting documentation [pdf]. The faculty should submit the online reporting form within 30 days of discovery of the academic dishonesty. The Office of Student Conduct will contact the student once we receive a completed online form. Faculty members must submit the online form within 30 days of discovery of the academic dishonesty
- If the student admits to academic dishonesty but believes the grade penalty is too severe, the instructor should select the appropriate option on the online Academic Integrity Form, upload supporting documentation and submit it online. The Dean of Students shall submit a placeholder grade of "PEN" if occurrence is during the middle of the semester. The instructor shall submit a place holder grade of "UI" if occurrence is towards the end of the semester and will submit the final grade at the end of the semester. At that point, the student may contest the grade sanction by appealing the course grade through the College's grade appeal procedure. Once the student has admitted the violation, s /he may contest only the severity of the grade sanction, not the dishonesty allegation itself. If the student appeals the grade, the departmental and Senate grade appeals committees should send copies of their findings to the Hunter College Academic Integrity Official
- If the student denies the allegation of academic dishonesty, the faculty member will report that this is the student's position on the online Academic Integrity Form. The matter will first be reviewed by the Academic Integrity Official who will conduct a fact finding investigation and attempt to resolve the matter. If the matter cannot be resolved then Mediation will be proposed between both parties with a third party member. If the case is not resolved through Mediation then it will be moved to an official hearing before the Faculty-Student Disciplinary Committee who will render judgment upon conclusion of the hearing. The student has the right to appeal the Committee's judgment by appealing with the President's Office.
- Students who either admit to an act of academic dishonesty or are found to have committed one by the Academic Integrity Official will receive a letter from Hunter College's Academic Integrity Official notifying them that this matter has been reported to the Dean of Students Office. When an academic integrity accusation is resolved by the Faculty-Student Disciplinary Committee, the student and faculty member will be notified of the findings.

\section*{II. Procedure for Disciplinary Sanctions}
A. The Dean of Students has the right to pursue disciplinary sanctions against any student should the case deem appropriate, which includes substantial violations, if the student has prior violations or when academic sanctions were not executed because the student withdrew from the course.

\section*{III. Faculty-Student Disciplinary Committee}

The purpose of the Faculty-Student Disciplinary Committee is to review evidence when an academic sanction is being sought and when the allegations of academic dishonesty are still in dispute after meetings with the Academic Integrity Official and Mediator have occurred. The Committee will proceed in the following manner:
1. If the charge of academic dishonesty is denied by the student, the faculty member will advise the student that the matter has been referred to the Hunter College Academic Integrity Official, who will initiate the factfinding process.
2. A panel of three Faculty-Student Disciplinary Committee members will be selected and convened by Hunter College Academic Integrity Official to review the evidence for each case.
3. The committee will deliberate in closed session (i.e., with neither student nor instructor present) and submit its findings, in writing, to the Hunter College Academic Integrity Official, who will then notify the faculty member and student. Although faculty members reserve the right to submit grades whenever they deem appropriate, they are encouraged not to submit grades for the disputed work or a final course grade until they have been notified of the committee's findings. Students may appeal the final course grade through the college's grade appeal process.
Each faculty-student disciplinary committee shall consist of two (2) faculty members or one (1) faculty member and one (1) member of the Higher Education Officer series (HEO), and two (2) student members and a chairperson, who shall be a faculty member. A quorum shall consist of the chairperson and any two (2) members, one of whom must be a student. Hearings shall be scheduled promptly (including during the summers) at a convenient time and efforts shall be made to insure full student and faculty representation.

The president shall select in consultation with the head of the appropriate campus governance body or where the president is the head of the governance body, its executive committee, three (3) members of the instructional staff of that college to receive training and to serve in rotation as chair of the disciplinary committee. If none of the chairpersons appointed from the campus can serve, the president, at his/her discretion, may request that a chairperson be selected by lottery from the entire group of chairpersons appointed by other colleges. The chairperson shall preside at all meetings of the faculty-student disciplinary committee and decide and make all rulings for the committee. \(\mathrm{He} /\) she shall not be a voting member of the committee but shall vote in the event of a tie.

The faculty members shall be selected by lot from a panel of six elected biennially by the appropriate faculty body from among the persons having faculty rank or faculty status. The HEO members shall be selected by lot from a panel of six (6) HEO appointed biennially by the president. The student members shall be selected by lot from a panel of six elected annually in an election in which all students registered at the college shall be eligible to vote. In the event that the student or faculty panel or both are not elected, or if more panel members are needed, the president shall have the duty to select the panel or panels which have not been elected. No individuals on the panel shall serve on the panel for more than four(4) consecutive years.

Notwithstanding the above, in cases of sexual assault, stalking and other forms of sexual violence, the president shall designate from the panels one (1) chairperson, two (2) faculty/HEO members, and two (2) students, who shall be specially trained on an annual basis, and who shall constitute the faculty-student disciplinary committee in all such cases.

In the event that the chairperson cannot continue, the president shall appoint another chairperson. In the event that a seat becomes vacant and it is necessary to fill the seat to continue the hearing, the seat shall be filled from the respective faculty, HEO or student panel by lottery.

Each academic year, the chief student affairs officer, and her or his designee, shall appoint/identify one or more college employees to serve as presenters for the hearings. This list shall be forwarded to the Office of the Vice Chancellor for Student Affairs, and the Office of the General Counsel and Sr. Vice Chancellor for Legal Affairs prior to the first day of the academic year.

Persons who are to be participants in the hearings as witnesses or have been involved in preferring the charges or who may participate in the appeals procedures or any other person having a direct interest in the outcome of the hearing shall be disqualified from serving on the committee.

\section*{IV. Clarification of the Process}

All questions regarding these procedures or the College's disciplinary process should be referred to the Office of Student Conduct in the Vice President for Student Affairs and Dean of Students office (Room 1103 East, phone 212.772.4534/212.396.6484 or email at academic.integrity@hunter.cuny.edu).

\section*{ACADEMIC SANCTIONS}
- Reduced or "F" grade on academic exercise
- Reduced or "F" grade in course

\section*{CUNY Examples of substantial violations}

These include but are not limited to:
- Forging any type of document
- Stealing an examination from faculty or a College Office
- Taking an examination for someone or having someone take it on your behalf
- Writing a paper for someone or having someone write your paper
- Purposely sabotaging another student's work that prevent his/her completion of an assignment
- The student has previously violated the policy
- Any violations made by a graduate and or professional student or a student who is pursuing professional licensure

\section*{Hunter Galleries}

Main campus gallery: (212) 772-4991
The Hunter College Art Galleries, comprised of the Bertha and Karl Leubsdorf Gallery, The 205 Hudson Gallery, and The Artist's Institute are committed to a dynamic exhibition program that expands the classroom experience of undergraduate learning across the college. The Galleries are also integral to the graduate programs in Art and Art History, affording students the opportunity to work hands-on with faculty, guest curators, and gallery staff to develop exhibitions that encourage critical thinking, original research, and direct contact with both historical and contemporary art.

The Bertha and Karl Leubsdorf Gallery is located in the West Building of the main campus at 68th Street and Lexington Avenue and focuses on historical and scholarly exhibitions developed by faculty, students, and alumni.

The 205 Hudson Gallery is a new street level exhibition space, housed in the Studio MFA program building in Tribeca. 205 Hudson is dedicated to engaging contemporary art through diverse exhibitions, performance events, and programming, including exhibitions of graduating MFA students.

The Artist's Institute, located on the Lower East Side, was founded in 2010 by Hunter College and curator Anthony Huberman. The Artist's Institute is an experimental platform for thinking about art in the present moment, with an annual program that is divided into two six-month seasons, each of which is dedicated to the work of a single artist.

Located in the Silberman School of Social Work Building at 119th Street, The Hunter College East Harlem Art Gallery is a space for initiating partnerships between different departments and academic disciplines. The gallery presents exhibitions and public events that foster academic collaboration at Hunter College while addressing subjects relevant to the East Harlem community.

\section*{Hunter-Bellevue School of Nursing}
\begin{tabular}{|c|c|}
\hline & HEGIS Code \\
\hline Nursing - BS & 1203 \\
\hline Nursing (RN) - BS & 1203.1 \\
\hline Nursing AAS/BS Dual Enrollment with Queensborough CC & 5208.1 \\
\hline Nursing - Accelerated 2nd Degree Pathway & 1203 \\
\hline Adult Health Nursing BS/MS & 1203.1 \\
\hline Adult Nurse Practitioner BS/MS & 1203.1 \\
\hline Adult Nurse Practitioner MS & 1203.1 \\
\hline Psychiatric Nursing Practitioner - MS & 1203.1 \\
\hline Psychiatric Nursing Practitioner - Advanced Certificate & 1203.12 \\
\hline Psychiatric Nursing Practitioner - BS/MS & 1203.1 \\
\hline Nursing Administration /Public Administration - MS/MPA with Baruch College & 1203.10/2102 \\
\hline Gerontological/Adult Health Nurse Practitioner - MS & 1203.1 \\
\hline Community Health Nursing - MS & 1203.1 \\
\hline Community Health Nursing BS/MS & 1203.1 \\
\hline Community Health Nursing/Urban Public Health - MS/MPH & 1203.10/1214 \\
\hline Community Health Nursing/Urban Public Health - BS/MS/MPH & 1203.10/1203.10/1214 \\
\hline
\end{tabular}
\begin{tabular}{|l|l|}
\hline Nursing Education Advanced Certificate & 1203.1 \\
\hline Nursing Practice - DNP & 1203.1 \\
\hline
\end{tabular}

\title{
Hunter-Bellevue School of Nursing Administration
}

\section*{Location:}

425 East 25th St.
New York, NY 10010
Web site: http://www.hunter.cuny.edu

Joan Hansen Grabe Dean of Nursing
Gail C. McCain
530 Brookdale Campus West
(212)481-7596

Associate Dean, Administration
Frank Flammino
600A Brookdale Campus West
(212) 481-7667

\author{
Associate Dean, Research \\ Elizabeth Capezuti \\ 500A Brookdale Campus West \\ (212) 396-7155 \\ Director of Undergraduate Programs \\ Generic, A2D and RN-BS Programs: \\ Lorraine Byrnes \\ 503 Brookdale Campus West \\ (212) 481-7598 \\ (212) 481-4427 (fax)
}

Director of Graduate Programs
Lynda Olender
506 Brookdale Campus West
(212) 481-3478
(212) 481-4427 (fax)

\section*{Hunter-Bellevue School of Nursing: Brief History}

Nursing education began at Hunter in 1943, when courses for registered nurses were added to its curriculum. In 1955, a four-year collegiate program that was a pioneer for its time - the Hunter College Program in Nursing - was launched. When the Bellevue School of Nursing closed in 1969, Hunter absorbed it to create the Hunter-Bellevue School of Nursing, now located at the college's Brookdale Health Science Center at 425 East 25th Street in Manhattan,
near Bellevue Hospital. The school's programs combine liberal and professional education with a humanistic and comprehensive approach to health care.

\section*{Ida K. Lang Recital Hall}

\author{
4th Floor Hunter North \\ The Lang Recital Hall, a 149-seat auditorium designed by the firm of Abramowitz Kingsland Schiff, opened in Spring 1995.
}

This state-of-the-art facility hosts jazz concerts, chamber music ensembles and film festivals and houses most of the Department of Music graduation and faculty recitals. Artists from throughout the world have performed at the Lang. Box office: (212) 772-4448; administrative office: (212) 772-4227.

\section*{Immunization Requirements}

Prior to registration, the following health requirements must be met:
Immunizations for Measles, Mumps and Rubella New York State Public Health Law 2165 requires all students entering a post-secondary institution to provide their health services center with proof of immunity to measles, mumps and rubella. This law applies to students born on or after January 1, 1957, who are registered for 6 or more credits (or its equivalent) regardless of degree or non-degree status at a CUNY campus. Acceptable proof of immunity includes: immunization cards/records from childhood, from schools you attended previously, or from your health care provider, or a copy of a lab report showing immunity to measles, mumps and rubella.

\section*{Meningococcal Disease}

Public Health Law 2167 requires institutions, including colleges and universities, to distribute information about meningococcal disease and vaccination to all students registering for 6 or more credits, whether they live on or off campus. Hunter College of the City University of New York is required to maintain a record of the following for each student: a) response to receipt of meningococcal disease and vaccine information signed by the student; b) record of meningococcal meningitis immunization within the past 10 years; OR c) acknowledgment of meningococcal disease risks and refusal of meningococcal meningitis immunization signed by the student. Students can submit this information using the Health Services Immunization Form or can do so electronically through their CUNYfirst account. To learn more about meningitis and the vaccine, please consult your physician. You can also find information about the disease at http://www.cdc.gov.

Link for the Immunization Form:http://http://www.hunter.cuny.edu/studentservices/counseling-andwellness/wellness/repository/files/ImmunizationRecord.pdf.The form must be returned to the Office of Health Services, Room 307 Hunter North. For updated office hours call (212) 772-4800. For further information please visit: http://www.hunter.cuny.edu/studentservices/counseling-and-wellness/wellness/immunization.

\section*{Immunizations for Measles, Mumps and Rubella}

New York State Public Health Law 2165 requires all students entering a post-secondary institution to provide their health services center with proof of immunity to measles, mumps and rubella. This law applies to students born on or after January 1, 1957, who are registered for 6 or more credits (or its equivalent) regardless of degree or non-degree status at a CUNY campus. Acceptable proof of immunity includes: immunization cards/records from childhood, from schools you attended previously, or from your health care provider, or a copy of a lab report showing immunity to measles, mumps and rubella.

\title{
Implementation of Policies and Procedures Concerning Sexual Assault and Other Forms of Violence Against Students
}

\author{
Incomplete Work in a Course
}

\begin{abstract}
When a student for valid reason does not complete the work assigned in a course (including the final exam, papers, etc.) and in the view of the instructor still has a reasonable chance to pass the course, the student shall be given the grade INC (incomplete). The student must explain the reason to the instructor or, in the absence of the instructor, to the department chair and arrange a schedule for making up the missing coursework. These steps must be taken as soon as possible and no later than the end of the second week of the following semester. The student shall then be given the opportunity to complete the course without penalty beyond previously established penalties for lateness.

The length of time permitted for completing missing coursework remains at the discretion of the instructor and shall be indicated in writing to the student, but shall not extend beyond the end of the semester following the one in which the course was taken. Unless the student submits the work by the date specified by the instructor, the grade will automatically become FIN on the student's permanent record. (Under certain circumstances, where the student must repeat class sessions or laboratories in a course not given during the following semester, the FIN grade may later be converted to the appropriate letter grade.)

Instructors and departments may choose to have make-up final examinations administered by the college. Such examinations will be given before Monday of the seventh week of the following semester. It is the responsibility of the student who must take an absentee examination to determine from the instructor or department whether it will be administered by the college, to file the appropriate form and to pay any required fee by the deadline specified by the college.

If the faculty member wishes to extend the deadline for the student to complete the coursework beyond one semester, the faculty member and the student must enter into a written contract clearly specifying the deadline. This contract must be written during the semester following the one in which the course was taken. The student must be aware that the INC grade will change to a FIN grade until the work is completed. The written contract must accompany the change of grade form. If a student has not filed a contract with the faculty member but still wishes to complete the work and have a FIN grade changed, the student can appeal to the Senate Grade Appeals Committee. The appeal must include the reason for failing to complete the work and must be accompanied by a supporting letter from the faculty member who issued the INC grade or, if the faculty member is no longer at the college, from the department chair. Appeals with no endorsement will be denied.
\end{abstract}

\section*{Informal Resolution}

Students are encouraged to attempt to resolve complaints informally with the faculty member or to seek the assistance of the department chairperson or campus ombudsman to facilitate informal resolution.

\section*{Instructional Computing and Information Technology Resources}

\footnotetext{
The Instructional Computing and Information Technology Department (ICIT) provides technology resources and services for students, staff and faculty. These include over 1000 computers in open labs and through the Laptop Loan
}

Program, a 20-seat training facility, 250 technology equipped classrooms, and multiple distance learning centers. Other services accessible to staff, faculty and students include: e-mail, course management, computer training, consultation, audiovisual services, teleconferencing/videoconferencing services, telephone/voice mail services, computer networking services (on campus and off campus), software and student information services. Guidelines for access to and use of these services and facilities are posted at each facility and are subject to the rules and regulations of the college.

Hours, locations and a general description of the facilities available in each area are posted on the ICIT Web site: http://www.hunter.cuny.edu/icit

\section*{Interdepartmental Majors}

BA Degree The following programs leading to the BA degree involve courses in more than one department. For details and names of advisers, see Section IX: Programs of Study. In addition to the interdepartmental fields of study, the college also offers individual interdisciplinary courses in the humanities, social sciences, sciences and mathematics and health sciences.

Archaeology Latin American and Caribbean Studies
Comparative LiteratureReligion
Human Biology Urban Studies
Jewish Studies

\section*{International Admission}

Admission of international students is based on two factors: meeting the academic criteria for admissions and English language proficiency. Although the guarantee of sufficient financial resources to meet the cost of attendance is essential to maintaining one's respective status; it does not solely determine admissions into Hunter College. For purposes of admission, an international student is defined as an applicant who currently holds a student (F-1) or Exchange visitor (J-1) visa or seeks to change such an immigration status upon enrollment. The United States Citizenship and Immigration Services (USCIS) requires documentation of financial support before approving the issuance of a F-1 or J1 Exchange Visitor status within the United States (if the admitted student is within the United States) and the State Department reviews financial status and substantial home ties of the applicant before issuing a visa, if the admitted student is overseas.

International applicants whose primary language is not English must demonstrate a firm command of the English language by scoring a minimum of 500 or higher (for graduate level students) on the Test of English as a Foreign Language (TOEFL). No provisional admission is offered whereby a student may come to the college and spend a semester or year learning English. Applicants are responsible for the payment of all tuition and fees at the time of registration. Hunter College does not provide financial assistance to international students; they must be in a position to finance tuition, fees, room and board, insurance, books and incidental expenses. The estimated cost is \(\$ 38,000\) per year for undergraduate students and \(\$ 43\), 564 and for graduate level students and is subject to change. Hunter College does not make housing arrangements for students; it is essential that students be prepared to make their own housing arrangements upon arrival.

For more information, contact the International Students Office, Hunter College, 695 Park Avenue, Room 1109 Hunter East, New York, NY 10065; telephone: (212) 772-4864; e-mail: intlss@hunter.cuny.edu. Policies governing the Office of Admissions and the International Students Office are based on policies and practices recommended by NAFSA, AACRAO and other educational organizations.

\section*{International Admission: Criteria}

Admission of international students is based on two factors: meeting the academic criteria for admissions and English language proficiency. Although the guarantee of sufficient financial resources to meet the cost of attendance is essential to maintaining one's respective status; it does not solely determine admissions into Hunter College. For purposes of admission, an international student is defined as an applicant who currently holds a student (F-1) or Exchange visitor (J-1) visa or seeks to change such an immigration status upon enrollment. The United States Citizenship and Immigration Services (USCIS) requires documentation of financial support before approving the issuance of a F-1 or J1 Exchange Visitor status within the United States (if the admitted student is within the United States) and the State Department reviews financial status and substantial home ties of the applicant before issuing a visa, if the admitted student is overseas.

\section*{International Baccalaureate Credit}

Students who have received an International Baccalaureate diploma may receive credit for higher level IB exams with scores of 5, 6, or 7. An official transcript and IB Diploma are required for the credit process. Credit will be granted for IB Higher Level Exams when the IB Diploma is submitted.

\section*{International Students Office}

Room 1109 Hunter East
(212) 772-4864

E-mail: intlss@hunter.cuny.edu
The International Students Office (ISO) provides vital immigration related information to all international students, including F-1 and J-1 Exchange Visitor statuses or visa holders and other students with questions about their statuses to help them to learn immigration status maintenance. The ISO refers all international students to Academic Advising for timely graduation from Hunter College. The office is an important source of information regarding immigration matters, such as the requirements for compliance with the Student Exchange and Visitors Information System (SEVIS). The ISO issues SEVIS I-20 or DS2019 forms to all newly admitted international students. It also provides individualized advising and holds small group discussions throughout the academic year on such topics as employment options, immigration law, tax issues, and adaptation to both the United States (U.S.) educational systems and to the U.S.

Web site: http://www.hunter.cuny.edu/studentservices/is and for more information, visit the International Students on line tutorial: http://packages.kognito.com/cuny/hunter/Builds/001/

\section*{Introduction}

Return to CUNY Medical Withdrawal \& Re-Entry Policy \& Procedure Governing Dangerous Student Behavior
The City University of New York ("CUNY") is committed to the academic success and personal growth of its students. As part of that commitment, CUNY and its constituent campuses are responsible for providing a safe learning and working environment for students, faculty, staff and other members of the university community. Some students may, because of a medical condition, engage in behavior that presents a direct threat of harm to themselves or to others, or substantially disrupts the learning or working environment of others. In such situations, the safety and security of the campus community, including the individual student, is paramount. This policy does not replace or supersede
reasonable and appropriate security and health and safety measures, such as calling 911 or taking other immediate action in case of imminent threat to life or limb.

In addition to taking action to protect the security and safety of the campus community, a college may address the student's conduct to determine if action under this policy or under the student disciplinary process is appropriate. When a student's conduct that directly threatens or substantially disrupts the learning or working environment of others appears to relate to a medical condition, the campus may, at its option, address the student's conduct either in accordance with this policy, or through the student disciplinary process. If the student's conduct constitutes a threat solely to him or herself, it should be addressed under this policy rather than the disciplinary process.

\section*{Introduction: Procedures for Handling Student Complaints about Faculty Conduct in Academic Settings}

The university and its colleges have a variety of procedures for dealing with student-related issues, including grade appeals, academic integrity violations, student discipline, disclosure of student records, student elections, sexual harassment complaints, disability accommodations, and discrimination. One area not generally covered by other procedures concerns student complaints about faculty conduct in the classroom or other formal academic settings. The university respects the academic freedom of the faculty and will not interfere with it as it relates to the content or style of teaching activities. Indeed, academic freedom is and should be of paramount importance. At the same time the university recognizes its responsibility to provide students with a procedure for addressing complaints about faculty treatment of students that are not protected by academic freedom and are not covered by other procedures. Examples might include incompetent or inefficient service, neglect of duty, physical or mental incapacity and conduct unbecoming a member of the staff.

\section*{Jewish Studies}

Return to the Faculty of the School of Arts and Sciences

Yitzhak Berger, Associate Professor, Hebrew Division, Classical and Oriental Studies; BA-MA, PhD Yeshiva University

Laura Schor, Professor, History; PhD University of Rochester

\section*{Latin American and Caribbean Studies}

Thomas Angotti, Professor, Urban Affairs and Planning; BA Indiana State, MA, PhD Rutgers
James Cantres, Assistant Professor, Africana and Puerto Rican/Latino Studies; BA Vassar; PhD New York University
Jonathan Conning, Associate Professor, Economics; BA Swarthmore, MA, PhD Yale
Milagros Denis-Rosario, Associate Professor, Africana and Puerto Rican/Latino Studies; BA University of Puerto Rico, MPS Cornell, PhD Howard

Marc Edelman, Professor, Anthropology; BA, MA, PhD Columbia
Kenneth Paul Erickson, Professor, Political Science; BA Michigan (Ann Arbor), PhD Columbia

Paolo Fasoli, Associate Professor, Romance Languages; Dottore in Lettere Universita' di Roma II (Italy), PhD Toronto (Canada)

Maria Luisa Fischer, Associate Professor, Romance Languages; Licenciatura en Literatura General (Chile), PhD Boston

Veronica M. Gregg, Associate Professor, Africana and Puerto Rican/Latino Studies; BA West Indies, MA Queens (Canada), PhD Kent (UK)

John Hammond, Professor, Sociology; AB Harvard, MA, PhD Chicago
Barbara L. Hampton, Professor, Music; BMus Howard, MA California (Los Angeles), PhD Columbia

Julio Hernandez-Delgado, Associate Professor, Library; BA Queens, MA Syracuse, MLS Western Michigan
Lynda Klich, Assistant Professor, Art History; BS St. Joseph's, MA Hunter, PhD Institute of Fine Arts, NYU
Edgardo L. Melèndez, Professor, Africana and Puerto Rican/Latino Studies; BA University of Puerto Rico, MPhil, PhD CUNY

Ines Miyares, Professor, Geography; BA, MA Cal State (Stanislaus), PhD Arizona State
Sangeeta Pratap, Associate Professor, Economics; BA Delhi University (India), MA Jawaharlal Nehru University, MPhil Cambridge, PhD NYU

Mary Roldan, Dorothy Epstein Distinguished Professor and Acting Chair, History; BA Harvard-Radcliffe, MA, PhD Harvard

Return to the Latin American and Carribean Studies Program

\section*{Learning Community}

First-year students entering in the fall semester begin their college careers by enrolling in a cluster of courses called a Learning Community. Each Learning Community consists of four or five introductory-level courses designed to introduce students to areas of study or majors offered at the college. By enrolling in and completing these courses, first year students begin to complete foundational courses in their selected areas of study as well as some of the Hunter Core courses needed to fulfill degree requirements for graduation. Additionally, since small groups of students are enrolled in many of the same course sections, these Learning Communities are designed to bring students together and make connections with peers who share their learning experiences and academic interests. Participation in a Learning Community does not limit a student's future area of study and can be tailored to fit a student's educational history. For
more information on the Learning Community visit the Office of Advising website http://www.hunter.cuny.edu/advising.

\section*{Liberal Arts and Sciences Test (LAST)}

Students should register to take the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examinations during their junior year. Students will not be allowed to enroll in student teaching until their scores on the LAST have been received by the School of Education. Students who do not pass the LAST at least partly because of low scores on subtest 4 and/or 5 must enroll in a college writing course before being allowed to register for any additional courses.

\section*{Licensing and Accreditation}

Hunter-Bellevue Baccalaureate graduates are prepared to practice as generalist nurses in health care settings. Graduates from the Generic and Accelerated 2nd Degree Programs are eligible to take the National Council Licensing Examination for Registered Nurses. The program also provides a foundation for graduate study which is also offered at the School of Nursing. Graduates of the advanced practice nursing programs are eligible to take the certification examinations for nurse practitioners and clinical nurse specialist.

\section*{Macaulay Honors College at Hunter College}

Graduating high school seniors and others who have not yet attended college may apply to the Macaulay Honors College at Hunter College. The mission of this highly competitive program is to inspire and prepare outstanding leaders to confront and solve the social, economic, cultural, and scientific challenges of New York City and the world. Accepted students take a series of interdisciplinary seminars focused on New York City, and work closely with Honors Advisors inorder to learn about and access the diverse resources of CUNY. Generous financial support is provided, allowing students to concentrate on their studies and carefully selected co-curricular activities. For further information,call the Macaulay Honors College office at (212) 650-3556 or see the website:
http://www.hunter.cuny.edu/honorscollege.

\section*{Manhattan/Hunter College Science High School}

The Manhattan/Hunter Science High School, located on Amsterdam Avenue at 66th Street, provides instruction for grades 9 through 12. This science high school is grounded in the belief that individuals are better prepared to face life's challenges when given the proper tools. Science offers the lens through which we may see, explore and meet the future. The New York City Department of Education and Hunter College have joined to create a school that provides an enriched, comprehensive college preparatory curriculum with a focus on science and the integration of science and the scientific method into all subject areas.

\section*{Math Major Roadmap (33 Credits)}
\begin{tabular}{|l|l|}
\hline & Fall \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline Year 1 & - MATH 15000 (STEM) - Calculus with Analytic Geometry I & \begin{tabular}{l}
- MATH 15400 - An Introduction to Symbolic Computation \\
- MATH 15500 (STEM) Calculus with Analytic Geometry II
\end{tabular} \\
\hline Year 2 & \begin{tabular}{l}
- MATH 15600 - Introduction to Mathematical Proof Workshop \\
- MATH 25000 - Calculus with Analytic Geometry III
\end{tabular} & \begin{tabular}{l}
- MATH 25400 - Ordinary Differential Equations \\
- MATH 26000 - Linear Algebra
\end{tabular} \\
\hline Year 3 & \begin{tabular}{l}
- MATH 25500 - Vector Analysis \\
- MATH 35100 - Mathematical \\
Analysis I
\end{tabular} & \begin{tabular}{l}
- MATH 31100 - Abstract \\
Algebra I \\
- STAT 31100 - Probability Theory
\end{tabular} \\
\hline Year 4 & - 2 Math Electives & - 1 Math Elective \\
\hline
\end{tabular}

\section*{Mathematics and Statistics}

Return to the Faculty of the School of Arts and Sciences
Alberto Baider, Professor, Mathematics and Statistics; Licentiate Buenos Aires (Argentina), PhD MIT
Ara Basmajian, Professor, Mathematics and Statistics; BA Queens, MA, PhD SUNY (Stony Brook)
Martin Bendersky, Professor, Mathematics and Statistics; BA City College, PhD California (Berkeley)
Patrick Burke, Lecturer, Mathematics and Statistics; BS Duquesne, MA Pittsburgh, PhD Columbia
Barry Cherkas, Professor, Mathematics and Statistics; BS Worcester Polytech., MA, PhD Georgetown
Daniel S. Chess, Associate Professor, Mathematics and Statistics; AB Harvard, PhD Princeton
Richard Churchill, Professor, Mathematics and Statistics; BA George Washington, MS, MA, PhD Wisconsin (Madison)

Sandra Clarkson, Professor, Mathematics and Statistics; BS North Georgia, MEd, EdD Georgia
Lucille Croom, Professor, Mathematics and Statistics; BA Talladega, MA Michigan (Ann Arbor), PhD Columbia
Scott Gentile, Lecturer, Mathematics and Statistics; BA, MA Boston College
Jingtao Gou, Assistant Professor, Mathematics and Statistics; BS, MS Tsinghua, PhD Northwestern
Olympia Hadjiliadis, Professor, Mathematics and Statistics; BSc Toronto, MMath Waterloo, MPhil, PhD Columbia
Thomas Jambois, Associate Professor, Mathematics and Statistics; BA Harvard, PhD California (Berkeley)
Olga Kharlampovich, Professor, Mathematics and Statistics; Dr.Sc. Steklov Institute, PhD Leningrad

Tatyana Khodorovskiy, Assistant Professor, Mathematics and Statistics; BA NYU, PhD Harvard
John Loustau, Professor, Mathematics and Statistics; BA Oregon State, PhD California (Santa Barbara)
Michael Samra, Lecturer, Mathematics and Statistics; MPhil CUNY
Verna Segarra, Lecturer, Mathematics and Statistics; BS, MA City College
Brian Shay, Associate Professor, Mathematics and Statistics; BS, MA Fordham, PhD CUNY
Lev Shneerson, Professor, Mathematics and Statistics; MS Ivanovo Pedagogical Inst., PhD Ural State (USSR)
Dana Sylvan, Professor, Mathematics and Statistics; BS, MS, Bucharest (Romania), PhD Fed. Inst. of Technology (Switzerland)

Robert D. Thompson, Professor and Chair, Mathematics and Statistics; BA California (Santa Cruz), PhD Washington
William Williams, Professor, Mathematics and Statistics; BA McMasters, MS, PhD Iowa State

Return to the Mathematics and Statistics Department

\section*{Mathematics Placement Test}

The Mathematics Placement Test is an untimed, multiple choice, computer-based test composed of four sections: PreAlgebra, Algebra, College Algebra and Trigonometry. Starting with algebra, the test covers progressively advanced topics with placement into more advanced mathematics or mathematics-related courses. Students must take the Math Placement Test before they may register for math, science and certain liberal arts courses at Hunter College. SAT, ACT and New York State Regents test scores do not exempt a student from this test. Test results will be used to place students appropriately in coursework at Hunter College. The exam does not affect acceptance to Hunter College. Students may only take this exam one time throughout the City University of New York (CUNY).

The CUNY Assessment Test (CAT) and Mathematics Placement Test are administered in the Hunter College Testing Center, Room 150 Hunter North. Visit the Hunter College Testing Center's website at https://www.hunter.cuny.edu/testingcenter for sample questions, related information, as well as available dates and times to take examinations. Inquiries pertaining to testing at Hunter College may be addressed by calling the Testing Center at 212-772-4868 or sending an email to testing@hunter.cuny.edu.

\section*{Medical Laboratory Sciences}

\author{
Return to Faculty
}

\section*{Faculty in Medical Laboratory Sciences}

Steven Einheber, Associate Professor and Chair, Medical Laboratory Sciences: BS George Washington; PhD Cornell
Chad Euler, Assistant Professor, Medical Laboratory Sciences: BS Vermont, PhD Rockefeller
Dean Johnston, Professor, Medical Laboratory Sciences; BA Kalamazoo; PhD Wayne State

Regina Linder, Professor Emerita, Medical Laboratory Sciences; BS City College; MS Massachusetts (Amherst); PhD NYU

Shahana Mahajan, Associate Professor, Medical Laboratory Sciences: MS University of Hyderabad, India; PhD Indian Institute of Science

Robert Raffaniello, Associate Professor, Medical Laboratory Sciences; BS College of Staten Island; MS LIU; PhD NYU

\title{
Medical Laboratory Sciences Department Description
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\author{
Return to Medical Laboratory Sciences
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The Department of Medical Laboratory Sciences offers a rigorous and extensive education in biomedical science that prepares students for employment in clinical (hospital and private diagnostic), research (academic/biotechnology/pharmaceutical) and public health laboratories and for advanced degrees in graduate (Master's/Ph.D.) and professional (medical/dental/physician assistant) schools as well as advanced clinical certifications.

Two academic degrees for undergraduates are offered: the BS in Medical Laboratory Sciences: Biomedical Science and the BS in Medical Laboratory Sciences: Clinical Science. Both majors emphasize laboratory training through classroom work. The Medical Laboratory Sciences: Biomedical Science major is intended for those students who plan to obtain advanced graduate or medical degrees. Students in this major are encouraged to perform independent study research projects with faculty. The Medical Laboratory Sciences: Clinical Science major is licensure qualifying and is intended for those students who plan to take the New York State (NYS) Education Department licensure exam for clinical laboratory technologists. A license is required to work as a clinical laboratory technologist in NYS. Clinical laboratory technologists perform analytical tests on patient samples and play an essential role in the diagnosis and treatment of disease. The Clinical Science major requires students to perform a departmentally-arranged eight-week full time summer internship in a hospital or private diagnostic laboratory. Students in the Clinical Science major may also pursue advanced graduate and medical degrees.

\title{
Medical Laboratory Sciences: Graduate Program Descriptions
}

Return to Medical Laboratory Sciences

As listed below, the department offers four graduate programs. To learn more about these graduate programs, please consult the Hunter College Graduate catalog.

The BS/MA is a collaboration between the Departments of Medical Laboratory Sciences and Biology and is intended for qualified seniors majoring in medical laboratory sciences.

\section*{Post-baccalaureate Certificate in Medical Laboratory Technology}

The Post-baccalaureate Certificate in Medical Laboratory Technology (Advanced Certificate) is a 15 -credit, licensure qualifying, accelerated educational pathway that prepares individuals to become clinical laboratory technologists. It is intended for those who have already earned a baccalaureate degree in biological, chemical or physical science with specific prerequisites and serves as an alternative to earning a second BS in Medical Laboratory Sciences: Clinical Science.

\section*{Post-baccalaureate Certificate in Cytotechnology}

The Advanced Certificate (AC) in Cytotechnology is a one-year, 26 credit, post-baccalaureate graduate program that prepares students for careers as cytotechnologists. It is being offered by Hunter College in collaboration with Memorial Sloan Kettering Cancer Center (MSKCC). Clinical training for the program takes place in the Cytology Service in the Department of Pathology at MSKCC.

\section*{Masters in Biomedical Laboratory Management}

This degree provides working laboratory professionals with the knowledge and skills to enter positions of leadership in clinical/diagnostic, research, biotechnology, public health and pharmaceutical laboratories.

\section*{Meningococcal Disease}

Public Health Law 2167 requires institutions, including colleges and universities, to distribute information about meningococcal disease and vaccination to all students registering for 6 or more credits, whether they live on or off campus. Hunter College of the City University of New York is required to maintain a record of the following for each student: a) response to receipt of meningococcal disease and vaccine information signed by the student; b) record of meningococcal meningitis immunization within the past 10 years; OR c) acknowledgment of meningococcal disease risks and refusal of meningococcal meningitis immunization signed by the student. Students can submit this information using the Health Services Immunization Form or can do so electronically through their CUNYfirst account. To learn more about meningitis and the vaccine, please consult your physician. You can also find information about the disease at http://www.cdc.gov.

Link for the Immunization Form: http://www.hunter.cuny.edu/studentservices/counseling-andwellness/wellness/repository/files/ImmunizationRecord.pdf. The form must be returned to the Office of Health Services, Room 307 Hunter North. For updated office hours call (212) 772-4800. For further information please visit: http://www.hunter.cuny.edu/studentservices/counseling-and-wellness/wellness/immunization.

\section*{Music}

Return to the Faculty of the School of Arts and Sciences

Reuben Blundell, Assistant Professor, Music; BMus Victorian College of the Arts, MM Australian Institute of Music, Sydney, DMA Eastman School of Music

Victor Bobetsky, Professor, Music; BA Brooklyn, MA Hunter, DMA Miami

Geoffrey Burleson, Associate Professor, Music; BMus Peabody, MMus New England Conservatory, DMA SUNY (Stony Brook)
L. Poundie Burstein, Professor, Music; BA Mannes, MA Queens, PhD CUNY

Michele Cabrini, Associate Professor, Music; BMus, MMus Peabody, MA, PhD Princeton

Catherine Coppola, Lecturer, Music; BS New York University, MM Manhattan School of Music, PhD CUNY

Philip Ewell, Associate Professor, Music; BA Stanford, MM Queens, PhD Yale

Suzanne Farrin, Professor and Chair, Music; BMus University of Colorado at Boulder, MA, MMA, DMA Yale University

Susan González, Professor, Music; BMus Cincinnati, MMus, DMA Eastman School of Music

Barbara Hampton, Professor, Music; BMus Howard, MA California (Los Angeles), PhD Columbia

Ryan Keberle, Lecturer, Music; BMus Manhattan School of Music, Artist Diploma, Juilliard

Shafer Mahoney, Professor, Music; AB Princeton, MA, PhD Eastman School of Music

Paul F. Mueller, Professor, Music; BME Wartburg, MM, DMA Indiana

Mark Spicer, Professor, Music; BMus, MMus North Texas, PhD Yale

Jewel Thompson, Professor, Music; BS Virginia State, MA, PhD Eastman School of Music

Return to the Music Department

\section*{Music Bachelor's Degrees}

\section*{Music}

\section*{About the Department}

Located in the heart of the intellectually vibrant community of Hunter College, the Music Department offers students the chance to explore musical expression through performance and academic study. Opportunities to learn from some of the best theorists, musicologists and ethnomusicologists in the field exist alongside exciting performance opportunities for every playing and singing ability. Our ensembles include College Choir, Chamber Singers, Opera, A Cappella, Jazz Vocal Workshop, Jazz Ensemble, Jazz and Popular Music Combos, Chamber Music, Ensemble Middle East @ Hunter and the Hunter Symphony. The BA degree can be completed evenings or days. In addition, the department sponsors numerous extracurricular events, including concerts, lectures, and master classes. Private lessons in instruments and voice are provided to all performance majors and many other music majors by a distinguished roster of performance teachers. Financial aid is available to qualified performance majors and other majors who need to study with private teachers not on the staff.

Graduates of the department go on to a variety of careers in music and beyond. Graduates of the BA/MA dual degree program in Music/Music Teacher Education Pre-K-12-BA/MA are qualified to teach in the public elementary and high schools of New York State.

\section*{Graduate Study}

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

\section*{Programs and Courses}

\section*{Administration and Faculty}

\section*{Department Office:}

\section*{416 North}
(212)772-5020
fax: (212)772-5022
Web site: http://www.hunter.cuny.edu/music
E-mail: music@hunter.cuny.edu

\section*{Chair:}

\author{
Suzanne Farrin \\ 416 North \\ 212 772-5026 \\ sf1357@hunter.cuny.edu
}

\section*{Faculty}

Music Faculty
HEGIS Code: 1004

\section*{Minor in Music}

The music minor consists of 15 credits in music:MUSTH 10100; MUSHL 10100 or MUSHL 10700; one course with an MUSHL prefix at the 200 -level; and 6 credits of music electives, 3 of which must be at the 200 -level or higher. Prospective minors who have already mastered the material taught in the required 100-level courses (MUSTH 10100 and/or MUSHL 10100 or 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see Music 25-Credit Major (BA)). Music minors must substitute more advanced courses in any area of music study, which may include private lessons and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

\section*{Music - BA/MA}

\section*{4-Year Dual BA/MA Degree}

The department offers unusually gifted students the opportunity to obtain a master's degree in four years with a minimum of 120 credits. Requirements are the same as those for the 42 -credit BA plus those for the MA in music ( 30 credits at the graduate level; see graduate catalog). Students may be admitted to this program only after they have completed at least 60 credits of college work, including at least 29 credits in music (three semesters of music history, four semesters of music theory, and four semesters of musicianship). At least 12 credits (including six in music) must have been taken at Hunter College, and students must have a cumulative GPA of at least 3.5 with no grade of less than \(B\) in any music course. At that time, they must fulfill all requirements for entry into the MA program except completion of the BA degree. The graduate adviser must be consulted about the MA requirements.

\section*{Music - BMus}

\section*{Foundational Courses}

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{Courses}

\section*{CUNY Common Core}

Foundational or Major
ENGL 12000 - Expository WritingEnglish Composition (EC)
Foundational

\section*{60-Credit Major}

This degree is designed for students planning to pursue careers as professional performers of music or as teachers of music performance. It provides intensive instruction in the student's instrument or voice; solid training in music history
and theory; and a broad, liberal arts education. Admission to this program is conditional on passing an audition (preferably before the student enters college) demonstrating a high level of skill in performance. Requirements are:

\section*{Music history:}

\section*{MUSHL 20100 - Introduction to Music Research}

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

\section*{MUSHL 20500-Music History I}

\section*{Pluralism and Diversity \\ PD/D}

For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

\section*{MUSHL 20600 - Music History II (W)}

\section*{Pluralism and Diversity \\ PD/D}

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800 .
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

\section*{MUSHL 30500 - Music History III (W)}
```

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
and any other 3-credit MUSHL course at the 300-level

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\section*{Music theory:}

\section*{MUSTH 20100 - Introduction to Music Technology}

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

\section*{MUSTH 22000 - Music Theory I}

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

\section*{MUSTH 22100 - Music Theory II}

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

\section*{MUSTH 23000-Musicianship I}

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr .
offered fall

\section*{MUSTH 23100 - Musicianship II}
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Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring

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\section*{MUSTH 32000 - Music Theory III}

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music. prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr .
offered fall

\section*{MUSTH 33000 - Musicianship III}

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr .
offered fall
and any other 3-credit MUSTH course at the 300-level

\section*{Private lessons:}

\section*{MUSPF 43100 - Individual Instruction in Instrument or Voice}

Limited to students in the 60 -credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr .

\section*{Performance ensembles:}

For instrumentalists - 6 credits in instrumental ensembles

Choose 6 credits from the following:

\section*{MUSPF 23100 - Hunter Symphony}

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

\section*{MUSPF 24900-Jazz Ensemble}

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
2 hrs
1 cr .

\section*{MUSPF 35500 - Chamber Music Workshop}

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

\section*{MUSPF 25000 - Jazz and Popular Music Combos}

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .

\section*{MUSPF 36500 - Topics in Piano Performance}

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

\section*{For singers}

6 credits in vocal ensembles

\section*{MUSPF 22100 - College Choir}

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

\section*{MUSPF 25100 - Jazz Vocal Workshop Ensemble}

Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

\section*{MUSPF 35300 - Chamber Singers}

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times. prereq: audition, perm instr.
2 hrs
1 cr .

\section*{MUSPF 36900 - Topics in Vocal Performance}

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .
for singers, a minimum of 2 credits must be in MUSPF 36900

\section*{Electives:}
- 4 credits in music courses above the \(100-\) level.

\section*{Recital:}
- A senior recital, for which no credit is given, is also required.

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{Music 25-Credit Major (BA)}

This degree is designed for students who want to study music in the context of a general liberal arts education, but who do not plan to pursue careers in music. It may also be convenient for students who enter Hunter with a large number of transfer credits in music. Requirements are:

\section*{Foundational Courses}

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{Music History}

\section*{MUSHL 20100 - Introduction to Music Research}
```

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr .
offered fall

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\section*{MUSHL 20500-Music History I}
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Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall

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\section*{MUSHL 20600 - Music History II (W)}
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Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600
to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3cr.
offered spring

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\section*{MUSHL 30500 - Music History III (W)}
```

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall

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- and any other 3-credit MUSHL course at the 300-level

\section*{Music Theory}

\section*{MUSTH 22000 - Music Theory I}

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

\section*{MUSTH 22100 - Music Theory II}

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr .
offered spring

\section*{MUSTH 23000 - Musicianship I}

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

\section*{MUSTH 23100 - Musicianship II}
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Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring

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\section*{Performance:}

\section*{MUSPF 22100 - College Choir}

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .
MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{Music 42-Credit Major (BA)}

This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any aspect of the field. Requirements are:

\section*{Foundational Courses}

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement
Courses CUNY Common Core

\section*{Foundational or Major}

ENGL 12000 - Expository WritingEnglish Composition (EC)
Foundational

\section*{Music BA-42-Credit Major}

\section*{Music history:}

\section*{MUSHL 20100 - Introduction to Music Research}

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr .
offered fall

\section*{MUSHL 20500 - Music History I}
```

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall

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\section*{MUSHL 20600 - Music History II (W)}

\section*{Pluralism and Diversity \\ PD/D}

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800 .
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr .
offered spring

\section*{MUSHL 30500 - Music History III (W)}
```

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
And any other 3-credit MUSHL course at the 300-level

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\section*{Music theory:}

\section*{MUSTH 20100 - Introduction to Music Technology}

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

\section*{MUSTH 22000 - Music Theory I}

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
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coreq: MUSTH 23000

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3 hrs
3 cr.
offered fall

\section*{MUSTH 22100 - Music Theory II}
```

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3cr.
offered spring

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\section*{MUSTH 23000 - Musicianship I}

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

\section*{MUSTH 23100 - Musicianship II}

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr .
offered spring

\section*{MUSTH 32000 - Music Theory III}

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr .
offered fall

\section*{MUSTH 33000 - Musicianship III}

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
and any other 3-credit MUSTH course at the 300-level

\section*{Performance:}

\section*{MUSPF 40100 - Individual Instruction in Instrument or Voice}

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the \(\mathrm{BA} / \mathrm{MA}\) music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

\section*{2 credits in large ensembles}

\section*{MUSPF 22100 - College Choir}

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

\section*{MUSPF 23100 - Hunter Symphony}

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr.
2 credits in performance electives

\section*{MUSPF 22100 - College Choir}

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

\section*{MUSPF 23100 - Hunter Symphony}

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

\section*{MUSPF 24900-Jazz Ensemble}

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs
1 cr .

\section*{MUSPF 25000 - Jazz and Popular Music Combos}

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .

\section*{MUSPF 25100 - Jazz Vocal Workshop Ensemble}

Jazz performance and improvisation. May be taken 6 times. prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

\section*{MUSPF 35300 - Chamber Singers}

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

\section*{MUSPF 35500 - Chamber Music Workshop}

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

\section*{MUSPF 36500 - Topics in Piano Performance}

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

\section*{MUSPF 36900 - Topics in Vocal Performance}

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100

2 hrs
1 cr .

\section*{MUSPF 40100 - Individual Instruction in Instrument or Voice}

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

\section*{Electives:}
- 4 credits in music courses above the 100 -level

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{Music Bachelor's Degrees}

Return to: Department of Music
- Music 25-Credit Major (BA)
- Music 42-Credit Major (BA)
- Music - BMus

\section*{Major Programs}

The Department of Music offers three undergraduate and two BA/MA major programs to fit individual interests and requirements. Students must take three examinations before declaring a music major:
1. Music notation, rudimentary theory, and basic musicianship skills. This examination is prerequisite to MUSTH 22000 (Music Theory I).

Students who do not pass it must take MUSTH 10100 (Music Theory Fundamentals) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 (Introduction to Music) or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.
Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{Minor in Music}

The music minor consists of 15 credits in music:

\section*{MUSTH 10100 - Music Theory Fundamentals}

\author{
Hunter Core \\ Creative Expression (CE) \\ GER \\ 2/D
}

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .

\section*{MUSHL 10100 - A Thousand Years of Listening}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .
-or-

\section*{MUSHL 10700 - The World of Music}

\section*{Hunter Core}

Creative Expression (CE)

\section*{Pluralism and Diversity}

PD/A
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean. 3 hrs
3 cr .
- one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200 -level or higher.

Prospective minors who have already mastered the material taught in the required 100 -level courses MUSTH 10100 and/or MUSHL 10100 or MUSHL 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see above). Music minors may substitute more advanced courses in any area of music study, including private lessons (subject to availability) and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

\section*{Grading Policies}

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

\section*{Honors}

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

\section*{MUSTH 49100 - Honors Project}

Upper \(\mathrm{Jr} / \mathrm{Sr}\) only. Individual project of large scope in music history, theory, composition, or performance. prereq: minimum music GPA of 3.5, perm undergrad adviser
1 sem
\(3 c r\).

\section*{MUSTH 49200 - Honors Project}
prereq: MUSTH 49100
1 sem
3 cr .

\section*{Graduate Study}

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

\section*{Music/Music Teacher Education Pre-K-12 - BA/MA}

\section*{Major Programs}

The Department of Music offers three undergraduate and two BA/MA major programs to fit individual interests and requirements. Students must take three examinations before declaring a music major:
1. Music notation, rudimentary theory, and basic aural skills. This examination is prerequisite to MUSTH 22000 (Music Theory I).

Students who do not pass it must take MUSTH 10100 (Basic Musicianship) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 A Thousand Years of Listening or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.
Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

\section*{Piano Proficiency Requirement}

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the second year of study in music theory (MUSTH 32000 and MUSTH 32100). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

\section*{5- to 6-Year Dual BA/MA Degree in Teacher Education}

Exceptionally qualified students may obtain a master's degree in teacher education in 5-6 years with a minimum of 140 credits. Requirements are the same as those for the 42 -credit BA plus requirements for the MA degree in music teacher education (see graduate catalog). Students may be admitted to this program only after they have completed at least 60 credits of college work, including at least 29 credits in music (three semesters of music history, four semesters of music theory, and four semesters of musicianship). At least 12 credits (including six in music) must have been taken at Hunter College, and students must have a cumulative GPA of at least 3.5 with no grade of less than B in any music course. They must have passed the Music Department's piano proficiency examination and an audition-interview demonstrating reasonable mastery of an instrument or voice. In addition, they must either have passed the LAST (Liberal Arts and Sciences Test) or fulfilled the following requirements of the School of Education:

\footnotetext{
a. Completion of developmental courses;
}
b. Grade of B- or better in ENGL 12000 or a 200- level English course;
c. Application, on-site essay, and interview with the School of Education;
d. Proof of negative result on TB test;
e. Maximum of 6 credits taken with \(\mathrm{CR} / \mathrm{NC}\) grades, or else calculation of those grades as \(\mathrm{C} / \mathrm{F}\) for computation of grade-point average.
Admission requires the consent of both the Music Department and the School of Education. See the The School of Education section of both the undergraduate and graduate catalogs for more information.

\section*{Minor}

For 25 -credit music majors, the minor consists of 12 credits in a field of study leading to a BA degree and approved by the Music Department adviser. Double-majors and students in other music major programs are exempt from the minor requirement. Minor courses can be used without limit to satisfy stages 1,2 , and 3 of the GER.

\section*{Minor for non-Majors}

For students minoring in music, the requirements are determined by the student's major department. See your major adviser. The Music Department recommends the following courses. Because 300-level courses are intended primarily for music majors and have extensive prerequisites, students whose major departments require a 300 -level course in the minor may, with permission of their adviser, substitute a 200 -level course in the music minor.

\section*{MUSTH 10100 - Music Theory Fundamentals}

\section*{Hunter Core \\ Creative Expression (CE) \\ GER \\ 2/D}

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .
or

\section*{MUSTH 22000 - Music Theory I}

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

\section*{MUSTH 23000-Musicianship I}

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

3 hrs
2 cr.
offered fall

\section*{MUSHL 10100-A Thousand Years of Listening}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .

\section*{MUSHL 10700 - The World of Music}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean. 3 hrs
3 cr .
- One course with an MU-H prefix at the 200-level
- 1-3 credits of music electives

\section*{Grading Policy}

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

\section*{Honors}

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

\section*{MUSTH 49100 - Honors Project}

Upper \(\mathrm{Jr} / \mathrm{Sr}\) only. Individual project of large scope in music history, theory, composition, or performance.
prereq: minimum music GPA of 3.5, perm undergrad adviser
1 sem
3 cr .

MUSTH 49200 - Honors Project
prereq: MUSTH 49100
1 sem
3 cr .

\section*{New York City Programs}

\title{
Hunter College Scholarships, Awards, Prizes and Other Financial Assistance for Matriculated Students
}

Hunter College recognizes academic merit and need through a growing number of scholarship and fellowship programs. In general, these fall into two categories: scholarships and fellowships for incoming students; and scholarships, fellowships, awards and prizes for continuing students.

\section*{Incoming Students}

There are several four-year scholarship opportunities for incoming first-year, full-time students, including the CUNY Macaulay Honors College financial package, Honors Scholar Programs and Dormitory Scholars Awards.

For more information on the Honors Scholar Programs, see Freshman Scholars Programs or inquire at the Honors Scholar Program Office, 1113A Hunter East, (212) 396-6888, or by email scholarprograms@hunter.cuny.edu.

\section*{Continuing Students}

Scholarship opportunities, awards and prizes for currently enrolled students are generally based on need, merit and, in some cases, area of study. The Office of Student Services publishes The Grants Guide, a resource listing of scholarship opportunities, which is available in the Office of Student Services, 1119 Hunter East and online at http://www.studentservices.hunter.cuny.edu/grant/.

Incoming and continuing students who wish to be considered for awards from scholarship funds administered through the college should submit a Hunter College Scholarship application, available online at the following websites:
- http://www.hunter.cuny.edu/finaid
- http://admissions.hunter.cuny.edu

For more information, contact the coordinator of scholarship opportunities in the Office of Financial Aid (212) 7724818.

Other Sources of Financial Assistance Hunter College is committed to providing its students with the maximum amount of financial assistance available from government grants, loans and work-study opportunities. Information and assistance in obtaining financial aid is available from the Office of Financial Aid, Hunter North Room 241 or by logging onto http://www.hunter.cuny.edu/finaid

\section*{Hunter College Foundation}

Established in 1991, the Hunter College Foundation is dedicated to ensuring continued access to the highest quality public higher education and to helping Hunter maintain its longstanding reputation for academic distinction. Undergraduate scholarships and graduate fellowships may be set up in the Hunter College Foundation.

\section*{The Scholarship and Welfare Fund}

The Scholarship and Welfare Fund of the Alumni Association, a not-for-profit group established in 1949, administers a number of funds to provide scholarships to students who otherwise might not be able to complete their education. For over fifty years, the Scholarship and Welfare Fund has contributed substantially to the education of Hunter College students. Contributions from alumni, friends, chapters and classes have provided the funds needed for this support.

Many endowed scholarships have been established through funds donated in the names of individuals, classes and chapters of the Alumni Association to provide assistance to students on the basis of both scholarship and financial need. They include college-wide awards and awards to graduating seniors.

\section*{New York State Certification}

Undergraduate teacher preparation programs have been approved by the New York State Education Department to lead to initial certification for teaching in New York State. To earn this certificate students must successfully complete the approved program of study, obtain a BA or BA/MA degree, have fingerprint clearance, complete the Dignity for All Students Act (DASA) workshop and pass the required New York State Teacher Certification Examinations (NYSTCE) including the ALST, EAS, CST and edTPA. The Office of Academic And Student Affairs (OASA) sends institutional recommendations for certification after students graduate from their teacher preparation program. The initial certificate permits the holder to teach for five years. Candidates must then complete three years of full-time teaching in the certificate title and a master's degree in order to be eligible for professional certification. NYS certification is reciprocally accepted by many other states upon application. Students with questions about certification should consult the School of Education website: http://www.hunter.cuny.edu/education.

\section*{New York State Education Department Policy Statement on Liberal Arts and Sciences:}

This guidance is intended to assist institutions of higher education in New York State in meeting the requirements of the Rules of the Board of Regents, Section 3.47 (c), Requirements for Earned Degrees, Undergraduate degrees:
"Undergraduate degrees shall be distinguished, as follows, by the minimum amount of liberal arts content required for each degree. The required liberal arts core shall not be directed toward specific occupational or professional objectives."
\begin{tabular}{|l|l|l|}
\hline Degree & \begin{tabular}{l} 
Minimum Proportion of \\
Content
\end{tabular} & \begin{tabular}{l} 
Minimum Number of \\
Credits
\end{tabular} \\
\hline Associate in Arts (AA) & \(3 / 4\) & 45 \\
\hline
\end{tabular}
\begin{tabular}{|l|l|l|}
\hline Associate in Science (AS) & \(1 / 2\) & 30 \\
\hline Associate in Applied Science (AAS) & \(1 / 3\) & 20 \\
\hline Bachelor of Arts (BA) & \(3 / 4\) & 90 \\
\hline Bachelor of Science (BS) & \(1 / 2\) & 60 \\
\hline \begin{tabular}{l} 
All other undergraduate baccalaureate degrees (BBA, BE, \\
BFA, BPS, BTech, etc.)
\end{tabular} & \(1 / 4\) & 30 \\
\hline
\end{tabular}

The liberal arts and sciences comprise the disciplines of the humanities, natural sciences and mathematics, and social sciences.
A. Examples of course types that are generally considered within the liberal arts and sciences:
1. Humanities:
- English-composition, creative writing, history of language, journalism, linguistics, literature, literature in translation, playwriting
- Fine arts-art appreciation, history or theory
- Foreign languages - composition, conversation, grammar, history of the language, literature of the language, reading, translation studies
- Music-music appreciation, history or theory
- Philosophy-comparative philosophy, history of philosophy, logic, schools of philosophy
- Religion-comparative religion, history of religion
- Theater-dramatic interpretation, dramatic literature, dramaturgy, history of drama, playwriting
2. Natural sciences and mathematics:
- Natural sciences - anatomy and physiology, biology, chemistry, earth science, geology, physics, zoology
- Mathematics-calculus, mathematical theory, statistics
- Computer Science-broad survey/theory courses
3. Social sciences:
- Anthropology, cultural studies, economics, geography, government, history, political science, psychology, sociology
- Criminal justice-introductory and broad survey courses
- Communications-interpersonal communication, mass communication, public speaking, speech and rhetoric B. Examples of course types that are generally not considered within the liberal arts and sciences:
- Agriculture
- Business-administration, finance, human resources, management, marketing, production
- Computer applications (e.g., word processing, database, spreadsheet), programming (e.g., specific languages)
- Health and physical education
- Home economics
- Education and teaching methods
- Library science
- Music-studio, performance, practice courses-voice, instrument, direction, conducting
- Office technologies and practice
- Performing and related arts-acting, costume design, dance, direction, lighting, production, scene construction, sound production
- Specialized professional courses in such fields as accounting, architecture, dental hygiene, dentistry, engineering, law, medicine, nursing, nutrition, pharmacy, podiatry, veterinary medicine
- Studio art-drawing, painting, ceramics, sculpture
- Technology/technician fields-construction, data processing, electrical, electronics, graphic arts, mechanical, medical, refrigeration repair
- Television and radio production
- Theology-pastoral counseling, ministry

\section*{New York State Financial Aid Programs}

\section*{Tuition Assistance Program (TAP)}

This grant is awarded to New York State residents who are enrolled full-time in a degree-granting program and meet the income criteria. To be eligible for a TAP award, each semester students must register for 12 credits which are directly attributable to their degree.

Students should consult with an adviser in the Office of Advising or their major department when planning their programs to ensure continued TAP eligibility. SEEK students should consult with their SEEK counselor.

Awards ranging from \(\$ 200\) to \(\$ 5,000\) are made to dependent students and independent students with dependents whose New York State taxable income is \(\$ 80,000\) or less or to independent students with no dependents if the taxable income is \(\$ 10,000\) or less. Students may receive awards for eight semesters; SEEK students may receive awards for ten semesters. A student with a disability that prevents attendance on a full-time basis may be eligible to receive TAP while attending on a part-time basis.

\section*{CUNY Student Tuition Assistance (CUSTA)}

Students who are otherwise eligible for a maximum TAP award but whose award is reduced because they have received four semesters of payment may be eligible for a CUSTA award up to \(\$ 100\) a semester.

\section*{Aid for Part-Time Study (APTS)}

This award provides assistance to students who attend less than full time, have accrued a minimum of 6 credits (not equated) and have not exhausted their TAP eligibility. In order to be eligible, a student must be a New York State resident and enrolled for at least 6 credits.

The legislature established the Aid for Part-time Study (APTS) program in 1984 in a new section 666 of the Education Law. Aid for Part-time Study is a different program from Part-time TAP (established in 2006) with different requirements. One difference is that there is no prior study (prior earned credits) requirement for APTS.

The program is campus-based: that is, individual campuses that decide to participate in the program select recipients and determine award amounts after HESC allocates funds based on an institution's prior year part-time degree credit enrollment. APTS is not an entitlement program and not all potentially eligible students will necessarily receive an award. Institutions have the discretion to determine policy for administering the program, to make the decisions, and to
provide awards to students who demonstrate the greatest financial need until the institution's allotted funds are exhausted. Statute does not define need of specify how the need is to be determined.

\section*{New York State World Trade Center Memorial Scholarship}

The World Trade Center Memorial Scholarship Program for study at the City University of New York is intended for victims, spouses and children of the victims who died or were severely disabled as a result of the September 11 terrorist attacks. The program also provides scholarships to the spouses and children of those who died or were severely disabled during ongoing rescue and recovery efforts, including firefighters, police officers, peace officers and emergency medical service workers.

The scholarships cover the cost of tuition, fees, books, supplies, transportation and room and board, if applicable, for four years of full-time undergraduate study or for five academic years of a program of academic study as defined by the Commissioner of Education.

The scholarships were established by Governor George Pataki's Executive Order 113 and related legislation to establish such a program, along with a CUNY Board of Trustees resolution.

Applications are available online at: New York State World Trade Center Memorial Scholarship.

\section*{Veterans Tuition Award Program}

Eligible students are those who are New York State residents and discharged under honorable conditions from the U.S. Armed forces and who are:
- Vietnam Veterans who served in Indochina between December 22, 1961 and May 7, 1975.
- Persian Gulf Veterans who served in the Persian Gulf on or after August 2, 1990.
- Afghanistan Veterans who served in Afghanistan during hostilities on or after September 11, 2001.
- Veterans of the armed forces of the United States who served in hostilities that occurred after February 28, 1961 as evidenced by receipt of an Armed Forces Expeditionary Medal, Navy Expeditionary Medal or a Marine Corps Expeditionary Medal.
They must satisfy all other eligibility requirements including filing for TAP and Federal Pell Grants. Students must demonstrate good academic standing and meet college guidelines for pursuit of this award program. Awards cannot exceed the cost of tuition. After the initial year eligibility is established, students must re-file a supplement yearly. Supplements are available on request from New York State Higher Education Services Corporation (HESC) at (888) 697-4372. All applications must be completed by June 30th of the academic year for which an award is sought.

For more information see the HESC Web site at: https://www.hesc.ny.gov/.

\section*{Army Reserve National Guard-Army Continuing Education System (ARNG-ACES)}

The New York State Army Reserve National Guard offers tuition assistance through two programs for full- and parttime students. All current and future members of the New York Army Reserve National Guard (ARNG) are eligible except for members serving on active or full-time duty and those on Active Guard Reserve status. ARNG members who also receive veterans' benefits are not eligible. For full time students, the program is limited to tuition costs,
instructional fees in lieu of tuition and laboratory or shop fees specifically required as a condition of enrollment in a course. Part-time students must be enrolled half-time ( 7 or fewer credits).

Commissioned officers must agree to remain in the ARNG for four years after the last course for which tuition assistance has been provided is completed. For more information on these programs, contact the Civilian Education Office at (518) 786-4500.

\section*{State Aid to Native Americans}

Enrolled members of a New York State tribe and their children who are attending, or planning to attend, a college in New York State and are New York residents. Awards are made to all eligible applicants. There is no qualifying examination. Awards are available for two-, four- or five-year programs.

Eligible and/or certified American Indian students are eligible to receive grant awards of up to \(\$ 2,000\) per year for up to four years of full-time study (five years for specific programs requiring five years to complete degree requirements).

If funding is available, eligible students may receive aid for summer course work. Any aid a student receives for summer school study is deducted from the student's maximum entitlement for four years of full-time college study.

Prorated amounts are available for students taking fewer than 12 credits. Contact Native American Education Unit, New York State Education Department, Room 374 Education Building, Albany, NY 12234. Call (518) 474-0537 for information. The deadlines are July 15 for the fall semester, December 31 for the spring semester and May 20 for the summer semester.

\section*{Congressional Teacher Scholarship}

Congressional Teacher Scholarships are available to undergraduate students who agree to teach in areas in which there is a critical shortage of teachers. Recipients must agree to teach two years in the U.S. for each annual payment received. The service obligation must be fulfilled within 10 years of completing the undergraduate education program. Recipients who fail to meet these requirements must repay all or part of the award plus accrued interest.

Applicants must be or have placed in the top 10 percent of their high school graduating class and be New York State residents who are or will be enrolled in a specific program during the upcoming academic year. Winners receive up to \(\$ 5,000\) a year for a period of no more than four years of full-time undergraduate study. For more information or for an application, contact the Bureau of Higher and Professional Education Testing, Albany, NY 12230; (518) 474-6394.

\section*{Child of Veteran Award}

Students, whose parent(s) served in the U.S. Armed Forces during specified periods of war or national emergency and, as a result of service, died or suffered a \(40 \%\) or more disability, is classified as missing in action or was a prisoner of war, may be eligible for this award from New York State. The veteran must currently be a New York State resident or have been a New York State resident at the time of death, if death occurred during or as a result of service.

A recipient of a Child of Veteran Award can receive \(\$ 450\) a year for four years of undergraduate study without consideration of income or tuition costs. However, the combined Child of Veteran Award and TAP award may not exceed the amount of tuition charges. Students must initially establish eligibility by submitting a Child Of Veteran Award Supplement form with the New York State Higher Education Services Corporation (HESC) before applying for payment. For more information see the HESC Web site at: https://www.hesc.ny.gov/.

\title{
Memorial Scholarships for Families of Deceased Firefighters, Volunteer Firefighters, Police Officers, Peace Officers and Emergency Medical Service Workers
}

This award provides financial aid to children, spouses and financial dependents of deceased firefighters, volunteer firefighters, police officers, peace officers and emergency medical service workers who have died in the line of duty in service to the State of New York.

Memorial Scholarships provide funds to help meet the cost of attending college. The award covers up to four years of full-time undergraduate study (or five years in an approved five-year bachelor's degree program).

Students must establish eligibility by submitting a Memorial Scholarship Supplement, which is available from the New York State Higher Education Services Corporation (HESC). Once eligibility has been established, the student must submit an application for payment by May 1 of the academic year for which payment of the scholarship is sought.

To apply for payment, the student must complete the FAFSA and apply for TAP. For more information see the HESC Web site at: https://www.hesc.ny.gov/

\section*{Professional Opportunity Scholarships}

Professional Opportunity Scholarships (for approved professional programs, e.g., accounting, architecture, engineering, nursing, occupational therapy, ophthalmic dispensing, pharmacy, physical therapy, dental hygiene, landscape architecture, physician's assistant, law, podiatry, optometry, psychology, social work, veterinary medicine, speech/language pathology/audiology) are available to U.S. citizens and permanent New York State residents. Students must be enrolled full-time (matriculated) in an approved program of study in New York State. Students must agree to practice in New York State for one year in their chosen profession for each annual payment received. Students must demonstrate good academic standing and meet college guidelines for pursuit of the program.

Recipients must be chosen in the following order of priority:
1. Economically disadvantaged (prescribed criteria) and a minority group member historically underrepresented in the profession.
2. Minority group member underrepresented in the profession.
3. Candidate who is enrolled in or is a graduate of College Discovery (CD), Search for Education, Elevation and Knowledge (SEEK), Educational Opportunity Program (EOP), Higher Educational Opportunity Programs (HEOP).
Awards range from \(\$ 1,000\) to \(\$ 5,000\) a year for up to four or five years in certain programs. TAP and some other benefits may supplement this award. Contact the college Financial Aid Office or the New York State Education Dept., Bureau of Post secondary Grants Administration, Cultural Education Center, Room 5B68, Albany, NY 12230, (518) 474-5705. Applications must be submitted each year. The deadline each year is May 1 of the award year. (Example: The deadline for 2012-2013 is May 1, 2013.)

\section*{Search for Education, Elevation and Knowledge (SEEK)}

The SEEK Program provides financial aid and support services (concentrated counseling, remedial instruction, and tutoring) to educationally and economically disadvantaged students attending a senior or technical college. Applicants must be residents of New York State; have received a New York State high school diploma or equivalency; be ineligible for admission under normal standards, but demonstrate potential for completing a college program; and meet family income guidelines as determined by the state.

Students apply for entry to the SEEK program through CUNY Admissions. Students must file a FAFSA and provide the Financial Aid Office with supporting documentation to have their financial eligibility confirmed.

\section*{New York State Rule for Liberal Arts and Sciences Courses}

The following applies to all students who enter Hunter College either as freshmen or transfer students as of fall 2016: To obtain a Bachelor of Arts degree, students must have a minimum of ninety (90) credits in courses that are classified as Liberal Arts \& Sciences courses. For a Bachelor of Science degree, a minimum of sixty (60) credits must be earned in courses that are classified as Liberal Arts \& Sciences. Credits taken at Hunter or credits transferred in are subject to this requirement, which is based on a New York State law. While most courses offered at Hunter will be Liberal Arts \& Sciences courses, several academic programs offer a number of courses which do not count as Liberal Arts \& Sciences. To make sure that your courses follow the New York State guidelines, you must see an adviser if you have many credits or are majoring in any one of the following programs. This is especially important if you transfer courses in these fields to Hunter (their status may depend on the school where you took them):

Art \& Art History (Studio Art)
Economics (Accounting)
Community Health
Computer Science
Dance
Education
Film and Media Studies
Medical Laboratory Sciences
Music
Nursing
Theatre

Students who entered Hunter College after 2009 are under the same requirements, but there is the possibility of a waiver; however this is not guaranteed. Please check with an adviser if you have many credits or are majoring or minoring in one of the above areas. Below is a list of courses that are NOT counted as Liberal Arts \& Sciences, organized by Department, School, or Program:

\section*{Art \& Art History:}

All ARTCR courses

\section*{Community Health:}

COMHE 40800 Digital Media and Health
COMHE 41200 Directed Fieldwork Practicum
COMHE 400.xx

\section*{Economics (Accounting):}

ACC 36700 Analysis of Financial Statements
ACC 37100 Intermediate Accounting I
ACC 37200 Intermediate Accounting II
ACC 37300 Federal Income Taxation
ACC 37400 Managerial Accounting (Cost Accounting)

ACC 38000 Business Law II
ACC 47100 Advanced Accounting I
ACC 47200 Advanced Accounting II
ACC 47300 Business Taxes
ACC 47500 Auditing
ACC 47600 Computer Accounting Systems
ACC 48000 Business Law III
ACC 49000 Accounting \& Auditing Research

\section*{School of Education:}

All courses in the School of Education are non Liberal Arts and Sciences, except:
QSTB 20280 Child Growth and Development
QSTB 40380 Social Foundations of Urban Education
QSTB 41380 Psychology of Teaching and Learning
SEDC 21000 Building the Foundations of Literacy in Grades 7-12
SEDF 20300 Social Foundations of Education, Grades 7-12 (W)
SEDF 20400 Adolescent Development
SEDF 20500 Educational Psychology: Applications in Grades 7-12 SEDF 20600 Assessment of the Teaching and Learning Process in Grades 7-12
SEDF 20600 Assessment of the Teaching and Learning Process in Grades 7-12
SPED 30800 Teaching Students with Special Needs in Inclusive Settings

\section*{Film and Media Studies:}

FILMP 25100 Film Production I
FILMP 28600 Location Sound
FILMP 31100 Directing Documentary Video Production
FILMP 31600 Experimental Production
FILMP 34100 Producing the Film
FILMP 35200 Film Production II
FILMP 37100 Screen Directing I
FILMP 37200 Screen Directing II
FILMP 38100 Techniques of Cinematography
FILMP 38200 Narrative Editing
FILMP 38300 Sound Design
FILMP 38400 Film and Video Production
FILMP 39900 Special Topics in Advanced Film Practice
MEDP 29900 Special Topics in Media Production

\section*{Medical Laboratory Sciences:}

MLS 30000 Fundamental Concepts and Techniques in the Medical Laboratory
MLS 34900 Hematology
MLS 35100 Clinical Microbiology I
MLS 35200 Clinical Microbiology II
MLS 35400 Clinical Biochemistry I: Biomolecules \& Metabolism
MLS 35500 Clinical Biochemistry II: Genes to Proteins
MLS 36100 Computers and Data Processing in the Medical Laboratory
MLS 41000 Professional Practice Professional Practice
MLS 43000 Immunohematology
MLS 45700 Senior Seminar
MLS 40000 Topics in Biomedical Sciences

\section*{School of Nursing:}

All Nursing Courses.

\section*{Non-English Speaking Applicants}

International applicants whose primary language is not English must demonstrate a firm command of the English language by scoring a minimum of 500 or higher (for graduate level students) on the Test of English as a Foreign Language (TOEFL). No provisional admission is offered whereby a student may come to the college and spend a semester or year learning English. Applicants are responsible for the payment of all tuition and fees at the time of registration. Hunter College does not provide financial assistance to international students; they must be in a position to finance tuition, fees, room and board, insurance, books and incidental expenses. The estimated cost is \(\$ 38,000\) per year for undergraduate students and \(\$ 43,564\) and for graduate level students and is subject to change. Hunter College does not make housing arrangements for students; it is essential that students be prepared to make their own housing arrangements upon arrival.

\section*{Noncompliance of Immunization Requirements}

Please note that students will not be allowed to continue at Hunter if they are not compliant with immunization requirements within 30 days from the first scheduled day of classes.

\section*{Nondegree and Second-Degree Students Acceptance}

The School of Education does not accept nondegree or second-degree students.

\section*{Nondegree student transfers}

Nondegree students who are in attendance at Hunter College as well as those who were previously enrolled, in addition to meeting the above stated criteria, must have had a minimum grade point average of 2.0 in their Hunter coursework.

Transfer admissions decisions and determinations of advanced standing are made by the Hunter College Admissions Office on the basis of work done as a matriculated student at regionally accredited two- and four-year colleges and universities. Only courses in which a student has earned a grade of C or better ( D from CUNY colleges) can be accepted for transfer. Transfer credit will not be granted for any remedial, developmental or ESL coursework.

\section*{Nondegree Students}

Students who are not interested in earning a degree but wish to enroll in college credit bearing courses relating to career advancement, preparation for graduate school or other special interests may be admitted as nondegree students. All students wishing to enroll at Hunter in a nondegree status must obtain an application for nondegree admission from the Hunter College website www.hunter.cuny.edu or the Office of Undergraduate Admissions and Recruitment, Room 100 Hunter North. This application, along with verification of at least a high school diploma or 24 earned college credits, must be submitted to the Office of Undergraduate Admissions and Recruitment. Neither a high school certification nor an IEP diploma is acceptable (see the nondegree application for further information.) A nondegree admission fee of \(\$ 65\)
will be charged at the student's first registration. Nondegree students may register for any course for which space is available at the time of registration, provided they have met the prerequisites and have taken and passed applicable placement exams. (Check with the appropriate departments for more information concerning prerequisites and placement exams.) Such students: (1) are permitted to attempt up to 12 credit hours before they are required to take the CUNY Skills Assessment Test(s) and, providing they pass all parts of the test(s), must (2) either matriculate or leave the college when they have attempted 24 credits. Courses in which the student receives a grade of "W" do not count toward the 12- or 24 -credit limitations. Students are permitted to take the CUNY Skills Assessment Test(s) at any time before the 12 -credit limit. Generally, all parts of the Skills Assessment Test(s) must be taken, with the understanding that failing any part of the test(s) means the student cannot register for any further courses at Hunter College until all parts are successfully completed. (For student options in this case, see below.)

Baccalaureate, master's or doctoral degree holders (from a college or university accredited by a regional U.S. accrediting association) are exempt from testing and the 24 -credit limit, provided proof of the degree is submitted along with their application for admission.

For students who have failed any part of the CUNY Skills Assessment Tests and consequently cannot enroll at Hunter in a nondegree or matriculated status, remediation is available at CUNY community colleges. Generally, students must matriculate at these colleges before they can take the appropriate remedial courses. Upon completing the relevant courses, students may apply for readmission to Hunter.

Credits earned at Hunter College as a non-degree student are automatically transferred into a degree program upon matriculation at Hunter. Those credits earned at Hunter will be accepted as residency credits.

Applications for all categories of nondegree students must be filed by April 1st for summer, May 1st for fall, October 1st for winter and November 1st for spring.

\section*{Nondegree Students and CUNY Proficiency Requirements}

Non-degree students may attempt up to 12 credits at Hunter College without demonstrating the CUNY proficiency requirements unless it is required for a particular course. Non-degree students are required to demonstrate CUNY proficiency requirements once 12 credits have been attempted; non-degree students must demonstrate proficiency requirements based on the same criteria set forth for Degree Students. Non-degree students who fail to demonstrate the CUNY proficiency requirements and who take and fail any part of the CUNY Assessment Tests before reaching the 12credit limit will not be permitted to enroll in additional courses at Hunter College until they have met CUNY proficiency requirements as transfer students.

\title{
Notice of Access to Campus Crime Statistics, the Campus Security Report and Information on Registered Sex Offenders
}

\author{
return to Section VII: Health \& Safety Policies and Procedures
}

The college Advisory Committee on Campus Safety will provide upon request all campus crime statistics as reported to the U.S. Department of Education, as well as the annual campus security report. The campus security report includes:
1. the campus crime statistics for the most recent calendar year and the two preceding calendar years;
2. campus policies regarding procedures and facilities to report criminal actions or other emergencies on campus;
3. policies concerning the security of and access to campus facilities;
4. policies on campus law enforcement;
5. a description of campus programs to inform students and employees about campus security procedures and practices and to encourage students and employees to be responsible for their own security and the security of others;
6. campus crime prevention programs;
7. policy concerning the monitoring through the police of criminal activity at offcampus locations of students organizations officially recognized by the college;
8. policies on illegal drugs, alcohol and underage drinking;
9. where information provided by the State on registered sex offenders may be obtained (also see below); and
10. policies on campus sexual assault programs aimed at the prevention of sex offenses and procedures to be followed when a sex offense occurs. This information is maintained pursuant to the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act.

The campus crime statistics and the annual campus security report are available at the Public Safety Office - West Building, B122 and the college Web site at http://publicsafety.hunter.cuny.edu/subpages/annualcrimereport.shtml. If you wish pick up copies of the campus crime statistics and the annual campus security report, you should contact Joseph Foelsch, Jr, Director of Public Safety and Security at (212)772-4521. Copies are available at the Main Campus, West Building, B-122. The U.S. Department of Education's Web site address for campus crime statistics is http://ope.ed.gov/campussafety/\#institution/search CUNY Hunter College, New York City, New York, the "Continue").

In accordance with the federal Campus Sex Crimes Prevention Act, registered sex offenders now are required to register the name and address of any college at which he or she is a student or employee. The New York State Division of Criminal Justice maintains a registry of convicted sex offenders and informs the college's chief security (public safety) officer of the presence on campus of a registered sex offender as a student or employee. You may contact the college's chief security officer, Joseph Foelsch, Jr., Director of Public Safety and Security, B122 West, (212) 772-4521 to obtain information about Level 2 or Level 3 registered sex offenders on campus. To obtain information about Level 3 offenders, you may contact the Division's registry Web site at http://criminaljustice.ny.gov/nsor/ and then click on "Search for Level 3 Sex Offenders" or access the directory at the college's public safety department or police precinct. To obtain information about Level 2 offenders, you need to contact the public safety department, local police precinct in which the offender resides or attends college, or the Division's sex offender registry at 800-262-3257.

\section*{Nursing: Brief School Description}

The Hunter-Bellevue School of Nursing's mission is to provide quality nursing education to promote health and provide care to culturally diverse, urban, and global communities through research, scholarship, and service.The school's programs combine liberal and professional education with a humanistic and comprehensive approach to health care.

\section*{Nutrition and Food Science Program Description}

The Nutrition and Food Science (NFS) major is a diverse science-based program where students learn about nutrients, foods and their effect on health. It offers a comprehensive study of the fundamental principles of food preparation and safety, nutrition, food service management, and community nutrition education. This program is designed to prepare students to work in a variety of career settings. NFS majors can work with athletes, weight control and fitness programs, special groups like WIC (Women, Infants \& Children) in community settings, food service industries like hotels, airlines, universities, food service chains, and industrial cafeterias. Graduates can become food science technical specialists and conduct research, development and quality control of food products for food companies. It is also possible to use foods and nutrition knowledge for jobs in advertising, marketing and in the mass media. Students can become consultants to television programs, or write articles on food for newspapers. Students may take steps after graduation to enter a graduate didactic program in dietetics to become registered dietitians.

This is a competitive, 54-credit major and requires the following prerequisites: completion of 60 credits, including the following prerequisites: two semesters of anatomy and physiology with lab; one semester of general chemistry with lab; one semester of organic chemistry with lab; one semester of microbiology with lab; one semester of statistics, one semester of introductory food science; one semester of introductory nutrition. The prerequisite courses must be completed by the end of the summer session preceding entrance into the major. An overall GPA (combined grade point average from all postsecondary institutions attended) of 2.8 is required for consideration. Because of the competitive nature of the applicant pool and the small size of the incoming class, the admission process may favor applicants with an overall GPA greater than 2.8.

The introductory nutrition course may be completed in the summer session preceding entrance to the program. A grade of C or better must be earned in the science and math prerequisites and a grade of B or better is required in the Nutrition and Food Science prerequisites. Classes are offered mornings and afternoons. NFS accepts students once a year in the fall semester.

\title{
Office of AccessABILITY (for Students with Disabilities)
}

1214 Hunter East; 212-772-4857
www.hunter.cuny.edu/studentservices/access
In compliance with the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1975, the Office of AccessABILITY ensures the availability of variety of accommodations and services for students with documented disabilities or medical conditions who are currently registered at Hunter College. Disabilities include (but may not be limited to):
- Medical and psychological conditions, learning disabilities, deafness and hard of hearing, visual impairment, mobility impairment and other conditions that cause you to have mobility difficulties or result in your using a cane or wheelchair.
- Assistance to students with temporary disabilities due to an accident or short-term health conditions is also available. To be eligible for reasonable accommodations, it is necessary for students to provide a written statement with supporting documentation of a disability from a "qualified professional" (physician, psychiatrist, psychologist, or clinical social worker).
Under the auspices of the Office of AccessABILITY, the Access and Technology Center, Room 205 Thomas Hunter Hall, is a resource facility for students with disabilities. The center houses equipment with adaptive software and hardware technologies.

For more information, please call (212) 772-4857/VP (646) 755-3129 or go to our Web site.
The Section 504 Coordinator at Hunter College, Professor Jennifer Samson, is responsible for enforcement of the provisions of Section 504. She may be contacted in 915 Hunter West, (212) 772-4663. There is a 504 Grievance Procedure for students with disabilities at Hunter College. Students may obtain the necessary form, which contains
instructions for filing, from the Office of Student Services in Room 1119 Hunter East. Students with disabilities at the School of Social Work may contact the director of admissions at (212) 396-7574 for assistance.

\section*{Office of the Provost}

\section*{About the Office of the Provost}

The provost is the chief academic office of Hunter College. The deans of all the Hunter schools and the Hunter College Library report to the provost, as do the two associate provosts and the director of the Hunter College Campus Schools.

Several academic programs are also under the provost's jurisdiction. These are programs that include courses and faculty from more than one of the Hunter schools.

Provost Office Administration

Acting Provost Lon Seth Kaufman
Acting Associate Provost for Student Success and Retention Vanya Quinones Acting Associate Provost for Faculty Affairs and Research Christa Acampora
Administrative Executive Coordinator Sean Kenealy
Senior Administrative Coordinator Margarett Silva
Senior Administrative Coordinator Rhena Montero

\section*{Programs under the leadership of the Office of the Provost}
- SEEK Program (Search for Education, Elevation and Knowledge)
- Human Rights
- Public Policy

\section*{One Stop}

\section*{One Stop}

Room 217 Hunter North Building
(212) 772-4474

One Stop combines the most vital administrative services at Hunter College into one conveniently located office in Room 217 Hunter North Building. The One Stop incorporates the information services of the Registrar, Bursar and Financial Aid Offices. The One Stop is designed to help students navigate the administrative arm of the college by eliminating most of the "traveling" previously done between offices. In addition, The One Stop is conveniently located within the Registrar's office around the corner from the Bursar, Financial Aid and Admissions Offices, one floor up from the Hunter College Welcome Center and one floor down from the Medical Office. Many of the forms and services available in the One Stop are also available on the One Stop web pages at http://www.hunter.cuny.edu/onestop.

\section*{Registration}

Registration Procedures: Prior to each registration period, the registrar's office develops a Schedule of Classes, available via CUNYFirst. Students are assigned registration dates and times based upon their academic progress. Prior to each registration, an e-mail is sent to students at their "myhunter" email address alerting them that their registration appointment has been established. Students may then view their appointment time online by accessing their CUNYfirst student account at http://home.cunyfirst.cuny.edu.

Each semester, as instructors submit grades, the grades are available for viewing at the student's CUNYfirst account. Students should pay careful attention to their grade and if there are any errors, contact their instructor immediately.

Access to CUNYfirst is available at the CUNY web page at www.cuny.edu or at www.hunter.cuny.edu. Students may register, drop or withdraw, view their transcript, current schedule, current bill, change their non-permanent address or phone number, view open course sections and access their registration appointment times. All course registration is performed at CUNYfirst via each student's CUNYfirst account.

Students wishing to register for courses at another CUNY campus may do so by applying for a CUNYePermit, also available in CUNYfirst. Effective fall 2004, grades for courses taken on permit are posted to students' records and are computed in the GPA.

\section*{Opportunities for High School Students}

\section*{College Now}

Students at New York City public high schools may acquaint themselves with undergraduate life by participating in Hunter College Now. Activities range from workshops for sharpening writing or mathematics skills to college-level courses across the arts and sciences. Each summer, Hunter College Now focuses on the sciences and mathematics by hosting high-performing students at the Summer Institute for accelerated coursework that is complemented by tutoring, college guidance and co-curricular activities. Admission to college-level courses offered through College Now is competitive. To qualify for college-level coursework, including the Summer Institute, a student must demonstrate mastery of basic mathematics and/or verbal skills, depending on the discipline, as measured by the SAT, PSAT and English language arts and mathematics Regents exams. College Now offerings, including credit-bearing courses, are provided at no cost. Students interested in College Now can apply via the website at http://www.hunter.cuny.edu/college-now/apply.

\section*{College Credit Exams}

There are a variety of exams available for high school students to gain college credit before they enroll. Currently, Hunter College accepts the Advanced Placement (AP) exam, the International Baccalaureate (IB) exam, GCE (The General Certificate of Education Advanced Level generally termed the GCE Advanced Level or more commonly the A-level). Hunter students may be granted as much as a year of degree credit (normally 30 credits) for Advanced Placement, International Baccalaureate, GCE, College -Level Examination Program (CLEP),Regent College Examinations (RCE), and College-Level coursework. College-Level Coursework Students who completed collegelevel coursework offered by an accredited senior or community college while in high school will receive credit for courses in which grades of C or better are earned. Official College transcripts must be submitted to the Office of Undergraduate Admissions and Recruitment at Hunter for credits to be awarded. Students must make sure they don't sign up for the same classes once they matriculate here.

\section*{Advanced Placement}

Hunter accepts AP credits for scores of 4 or 5 on the AP exams. If students have taken Advanced Placement (AP) examinations sponsored by the Educational Testing Services (ETS), they must ask ETS to forward their official scores
to Hunter. Hunter College code is \#2301. If they have also taken an AP exam but have not received their scores they can call 1.888.308.0013. Students need to score at least a 4 on the AP exam to earn credit and/or exemptions from requirements (some exams may require a 5 ).

\section*{International Baccalaureate Credit}

Students who have received an International Baccalaureate diploma may receive credit for higher level IB exams with scores of 5, 6, or 7. An official transcript and IB Diploma are required for the credit process. Credit will be granted for IB Higher Level Exams when the IB Diploma is submitted.

\section*{GCE}

The GCE traditionally comprised two levels: the Ordinary Level (O Level) and the Advanced Level (A Level). Hunter College awards 3-4 credit for A-Level subject results of A-E.

\section*{CLEP}

Hunter College participates in the College Level Examination Program (CLEP), under which registered Hunter matriculated students can receive college credit by taking CLEP Subject Examinations. Only the subject Examinations listed in our CLEP Examinations handbook are honored. Please see the handbook for the Hunter's minimum qualifying score for each exam.
Hunter College does NOT accept CLEP GENERAL EXAMINATIONS. No student can earn more than 30 credits for CLEP plus AP, IB credit.

\section*{Overview}

Over 16,000 undergraduate students attend Hunter College. These students vary widely in age, interests, background and educational goals.The Undergraduate Office of Admissions at Hunter College encourages all prospective students to meet with an admissions counselor to discuss their educational goals and opportunities at Hunter. Prospective students are also invited to visit the campus. Campus tours originate from the College Welcome Center, room 100 Hunter North.

\section*{How to Apply}

To apply to Hunter College, students must complete the CUNY undergraduate application, which is available online at www.cuny.edu/apply.

Freshmen and transfer students are encouraged to apply by February 1 for the fall semester and September 15 for the spring semester. Students should complete the online application and submit the application processing fee and all supporting documentation as early as possible to guarantee full consideration for admission and scholarship aid. To apply as a part-time student contact the Hunter College Welcome Center for an approporiate application.

\section*{Application Fees}
- \$65 freshman
- \(\$ 70\) transfer

\section*{Parliamo Italiano}

Hunter College has developed a relationship with Parliamo Italiamo, an Italian language school. For more than 30 years, Parliamo Italiamo has offered Italian Language courses using a proven method developed by the founding director, Francis Lally. Parliamo Italiano offers courses for all levels-days, evenings, and Saturdays. For more information about the classes offered, call (212) 774-4793 or visit the web site at http://www.parliamo.com

\section*{Philosophy}

Return to the Faculty of the School of Arts and Sciences

Christa Acampora, Professor, Philosophy; BA Hollins, MA, PhD Emory
Linda Martin Alcoff, Professor, Philosophy; BA, MA Georgia State University, PhD Brown University
Ian Blecher, Doctoral Lecturer; BA Yale, MA, PhD Pittsburgh

Omar H. Dahbour, Professor, Philosophy; BA Trinity, MA Boston, MA Columbia, PhD Chicago, PhD CUNY
James Freeman, Professor, Philosophy; MA Drew, BA, PhD Indiana
Justin Garson, Assistant Professor; BA Evergreen State, MA, PhD University of Texas

Carol C. Gould, Distinguished Professor, Philosophy; BA University of Chicago, MPhil, PhD Yale University

Daniel W. Harris, Assistant Professor; BA Simon Fraser, MA, PhD CUNY

Laura Keating, Associate Professor and Chair, Philosophy; BA Michigan State, MA, PhD Ohio State
Frank Kirkland, Associate Professor, Philosophy; BA Bucknell, MA, PhD New School
Gerald Press, Professor, Philosophy; BA California (Berkeley), MA, PhD California (San Diego)

Steven Ross, Professor, Philosophy; BA Brandeis, PhD Harvard

Return to Philosophy Department

\section*{Physical Sciences Learning Center}
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B122 Main Library HE
(212) 396-6458
(212) 650-3707
(212) 650-3986

```

The Physical Sciences Learning Center provides individual tutoring, on a walk-in basis, for students enrolled in physics, chemistry and organic chemistry courses. Workshops and group tutoring sessions are also offered for selected topics. State-of-the-art computers with Internet service and appropriate programs are readily accessible. A library containing a variety of physical science textbooks and problem solutions is available. The Learning Center encourages students to learn and work with their peers.

The Physical Sciences Learning Center is open Mondays through Fridays during the day and evening. At the beginning of each semester, the specific hours and tutoring schedules are posted.

\section*{Physics and Astronomy}

Return to the Faculty of the School of Arts and Sciences
Janos Bergou, Professor, Physics; MS, PhD Lorand Eotvos (Hungary)
Ying-Chih Chen, Professor; BA National Taiwan, PhD Columbia
Leon Cohen, Professor; BS City College, MS, PhD Yale
Kelle Cruz, Assistant Professor; BA, PhD Penn
Steven G. Greenbaum, Professor; BA Clark, ScM, PhD Brown
Godfrey Gumbs, Maria A. Chianta and Alice M. Stoll Distinguished Professor and Chair, Physics and Astronomy; BA Cambridge (UK), MS, PhD Toronto (Canada)

Mark Hillery, Professor; BS MIT, MS, PhD California (Berkeley)
Hyungsik Lim, Assistant Professor; BEng Seoul National University, MS Ohio State, PhD Cornell
Neepa Maitra, Associate Professor; MA, PhD Harvard
Yuhang Ren, Professor; BA Zhejiang Normal University (China), PhD Zhejiang University, PhD William and Mary
Marilyn W. Rothschild, Director, Physical Sciences Learning Center; BS City College, MS, PhD Rutgers
Yonatan Abranyos, Research Associate; PhD, CUNY Hunter College
Phillip Stallworth , Research Associate; PhD, Brown

Return to the Physics and Astronomy Department

\section*{Policies and Procedures Concerning Sexual Assault, Stalking, Domestic and Intimate Partner Violence}

\section*{Policy on Remediation}

Beginning January 2000, students enrolling at Hunter College must prove their proficiency in reading, writing and mathematics through SAT scores, Regents scores or assessment tests prior to registration. Remedial courses are no longer offered by the college. ESL and non-proficient SEEK students are exempt from this policy, but must adhere to the following guidelines (see Section II: Admissions for information about ESL and SEEK designations): SEEK students must enroll in the appropriate basic skills workshop(s) prior to enrolling in their first semester at Hunter. SEEK students who do not gain proficiency in the pre-first semester workshops must take additional basic skills
workshops during the semester. SEEK students must demonstrate proficiency within one year of enrollment at Hunter. SEEK students needing basic skills coursework must consult with the director of the SEEK Program for course access and availability. ESL students are placed in an appropriate developmental reading and/or writing course during their first semester and may continue taking developmental courses in their second semester, if needed. ESL students must demonstrate proficiency by the end of their fourth consecutive semester at Hunter. ESL students should see the ESL adviser in the English Department, Room 1212 Hunter West, for details about basic skills proficiency requirements.

\section*{Political Science}

Return to the Faculty of the School of Arts and Sciences

Andrew Polsky, Professor and Dean, Arts \& Sciences, Political Science; BA Wesleyan, MA, PhD Princeton
Carolyn M. Somerville, Associate Professor and Chair, Political Science; BA, MA, PhD Michigan
Charles Tien, Professor, Political Science; BA Michigan (Ann Arbor), PhD Iowa
Cynthia Roberts, Associate Professor, Political Science; BA Tufts, PhD Columbia
Jill Schwedler, Professor; New York University (PhD, MA, BA)
John R. Wallach, Professor, Political Science; BA California (Santa Cruz), MA, PhD Princeton
Kenneth Paul Erickson, Professor, Political Science; BA Michigan (Ann Arbor), PhD Columbia
Leonard Feldman, Associate Professor, BA Yale, MA, PhD University of Washington
Lina Newton, Associate Professor, Political Science; BA Wesleyan, MA, PhD California (Irvine)
Michael Lee, Assistant Professor, Political Science; BA University of Toronto, PhD Indiana University
Rachel Schutte, Assistant Professor, Political Science; BA Hope College, MA, PhD Michigan State University
Roger Karapin, Professor, Political Science; BA, MA Pennsylvania State, PhD MIT
Robyn Marasco, Assistant Professor, BA Smith College, PhD University of California, Berkeley
Rob Jenkins, Professor, BA Harvard, DPhil Sussex (UK)
Sanford Schram, Professor, Political Science; BA St. Lawrence University, MA, PhD SUNY Albany
Zachary Shirkey, Associate Professor, BA University of Michigan (Ann Arbor), PhD Columbia

Return to the Political Science Department

\section*{Political Science Department Description}

\author{
Return to Political Science
}

Political science deals with the political, social, economic, and cultural arrangements through which people govern their lives. It attempts to interpret the past, explain the present, and often dares to draw images of the future. As a discipline, political science bridges several fields: the evolution of political thought and debates about contested political ideas today; comparing different types of political systems and how they meet familiar political challenges; the use of power and influence by states and other actors to achieve their goals cooperatively or competitively with important consequences for the security, prosperity and well-being of societies around the world; and the relationship, past and present, between the American people and their governing institutions.

Students will find courses on:
a) the ideas of great thinkers from Plato to the present;
b) forms of popular political participation and engagement;
c) the causes of war and peace;
d) democratic and authoritarian political systems;
e) international political economy;
f) women and politics;
g) American institutions ranging from the presidency to the courts;
h) International and U.S. constitutional law;
i) important areas of public policy such as immigration;
j) and the political systems of countries in Latin America, Europe, Asia, Africa, and the Middle East.

Political science explores large and vital questions about democracy, justice, peace, participation, power, leadership, security, development, human rights, and more.

A large number of political science majors choose some branch of public service upon completing their bachelor's degrees, often building upon internship experiences they have had as Hunter students. Graduates have pursued careers in government within the United States and some go into teaching. Others enter business. Some work in journalism. Still others enter politics or go on to law school or graduate training.

Political science, therefore, prepares students for a variety of career opportunities as well as for a lifetime of active citizenship.

\section*{Return to Political Science}

\section*{Pre-Health Professions}

Students preparing for a career in medicine or other health professions (osteopathy, dentistry, optometry, podiatry, physical therapy, physician assistant programs and veterinary medicine) may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Health is not a program and there is no special application for undergraduate students at Hunter College who are interested in following a pre-medical curriculum. Students can register with the Pre-Health Advising Office at Hunter College by going to http://www.hunter.cuny.edu/prehealth/pre-health-file. It is important that students maintain a close relationship with the premedical advising office from the time they become interested in such a career. Admission to professional schools is highly competitive so exceptional academic preparation is key, as is strong experience in leadership, research and community service. There are several premedical clubs on campus and students are encouraged to join one as soon as they enter Hunter. In addition to our undergraduate program, the college offers a Health Careers Preparation certificate for students who already have a bachelor's degree (in any field) and wish to prepare for admission to a health professions school on a full-time or part-time basis. Post-Baccalaureate students who have little or no science background are welcome as well as those who need to enhance their credentials.

The Pre-Health Professions Advising offices are located on the 12th floor of the East building. All Students are encouraged to review the invaluable information on the pre-health website at http://www.hunter.cuny.edu/prehealth and
to join the pre-health listserv. Students can make an appointment with an adviser on the pre-health website http://www.hunter.cuny.edu/prehealth/advisement. For questions you can e-mail prehealth@hunter.cuny.edu.

\section*{Pre-Professional Programs}
- Pre-Health Professions Students preparing for a career in medicine or other health professions (osteopathy, dentistry, optometry, podiatry, physical therapy, physician assistant programs and veterinary medicine) may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Health is not a program and there is no special application for undergraduate students at Hunter College who are interested in following a premedical curriculum. Students can register with the Pre-Health Advising Office at Hunter College by going to http://www.hunter.cuny.edu/prehealth/pre-health-file. It is important that students maintain a close relationship with the premedical advising office from the time they become interested in such a career. Admission to professional schools is highly competitive so exceptional academic preparation is key, as is strong experience in leadership, research and community service. There are several premedical clubs on campus and students are encouraged to join one as soon as they enter Hunter.
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- Prelaw There are no specific courses or a specific major required for entry to law school. Students applying to law school come from a variety of majors including those in the humanities, sciences, and social sciences. Legal educators agree that a broad and rigorous liberal arts education is the best preparation for admission to and success in law school. Students planning to attend law school should take courses that develop writing skills and the ability to think critically and creatively; they should discuss with the Pre-Law Advisor and with academic advisers which courses will best advance their educational and career goals. There is a 15 -credit, interdisciplinary Legal Studies minor, housed in the Political Science Department, which, although not required, might be of interest to students who wish to explore legal themes in the context of their undergraduate work. There are some areas of legal practice for which a specific undergraduate major or coursework in a particular area is required or helpful. In order to be admitted to the Patent Bar, for example, an undergraduate degree or other training in science, computer science or engineering is required. More information regarding course selection is available at Hunter's Pre-Law Website:
http://www.hunter.cuny.edu/prelaw/preparing-for-law-school/course-selection. Students interested in law are encouraged to meet with the Pre-Law Adviser as early as possible to learn about opportunities to explore legal careers and to discuss preparation for applying to law school. To schedule an appointment with the PreLaw Advisory Office, please phone (212) 772-4882. For quick questions, contact Hunter's Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website.
- Preparation for Social Work A major in one of the social or behavioral sciences is preferred for students planning to enter the field of social work. Specific entrance requirements vary for the different graduate schools of social work. Most schools recommend a minimum of 24 credits in the social sciences. A major in sociology or psychology is desirable for those interested in casework or group work; a major in sociology, political science, economics or urban affairs is desirable for those interested in community organization. In addition, field placement courses that provide internships in social work agencies are highly recommended. Students planning to go to a graduate school of social work are encouraged to speak with an adviser in the Office of Advising Services.

\section*{Prelaw}

There are no specific courses or a specific major required for entry to law school. Students applying to law school come from a variety of majors including those in the humanities, sciences, and social sciences. Legal educators agree that a broad and rigorous liberal arts education is the best preparation for admission to and success in law school. Students planning to attend law school should take courses that develop writing skills and the ability to think critically and creatively; they should discuss with the Pre-Law Advisor and with academic advisers which courses will best advance their educational and career goals. There is a 15 -credit, interdisciplinary Legal Studies minor, housed in the Political Science Department, which, although not required, might be of interest to students who wish to explore legal themes in the context of their undergraduate work. There are some areas of legal practice for which a specific undergraduate major or coursework in a particular area is required or helpful. In order to be admitted to the Patent Bar, for example, an undergraduate degree or other training in science, computer science or engineering is required. More information regarding course selection is available at Hunter's Pre-Law Website: http://www.hunter.cuny.edu/prelaw/undergraduate-planning/course-selection. Students interested in law are encouraged to meet with the Pre-Law Adviser as early as possible to learn about opportunities to explore legal careers and to discuss preparation for applying to law school. To schedule an appointment with the Pre-Law Advisory Office, please phone (212) 772-4882. For quick questions, contact Hunter's Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the PreLaw Listserv by following the instructions that appear on the homepage of the Pre-Law Website.

\section*{Preparation for Social Work}

An undergraduate BSW degree is now available at Hunter. It is an upper division program. Students apply for admission once they have completed between 50 and 80 of their undergraduate credits in liberal arts. Information about the BSW program can be accessed at http://sssw.hunter.cuny.edu/programs/bsw/.

If you are considering an MSW program after earning a BA, a major in one of the social or behavioral sciences is preferred. Specific entrance requirements vary for the different graduate schools of social work. Most schools recommend a minimum of 24 credits in social sciences. A major in sociology or psychology is desirable for those interested in specializing in work with individuals, families and groups; a major in sociology, political science, economics, or urban affairs is desirable for those interested in community organization. In addition, field internship courses that provide experience in social work agencies are highly recommended.

Students planning to go to a graduate school for social work, are encouraged to speak with an adviser in the Office of Advising.

\title{
Procedures for Reporting Incidents of Sexual Assault and Other Forms of Violence
}

\section*{Professional and Pre-Professional Majors: BS, BFA, BSW and BMus Degrees}

\footnotetext{
These programs, each requiring approximately 60 credits in the area of specialization, lead to the BS, BFA, BSW or BMus degree.

The following programs are available. For details and names of advisers, see Section IX: Programs of Study
}

\title{
Program and Courses in Chemistry
}

\section*{Chemistry}

\begin{abstract}
About the Department

The Department of Chemistry offers courses to prepare the science major for professional work and further study in chemistry and other fields of pure and applied science. Courses for the non-science major are designed to present those essentials of chemical fact and theory which will contribute to the student's understanding of present-day scientific knowledge.

\section*{Programs and Course}
\end{abstract}

Program and Courses in Chemistry

\section*{Administration and Faculty}

\section*{Department Office:}

1307 North
(212) 772-5330
chem@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/chemistry

Mirela Settenhofer- Assistant to chair
msettenh@hunter.cuny.edu
Shontel Houston- Administrative coordinator
shousto@hunter.cuny.edu

Chair:

\author{
Charles Michael Drain \\ 1408 North \\ cdrain@hunter.cuny.edu
}

\section*{Faculty}

\author{
Chemistry Faculty
}

HEGIS Code: 1905

\section*{Undergraduate Major}

\section*{Chemistry - BA}

\section*{Major}

There are two chemistry majors: Major I, a 43-credit concentration in addition to an 11-credit general chemistry core, is designed to prepare the students with intensive training for professional research and graduate study. Major II consists of three options: Option 1 for students interested in the chemical industry; Option 2 (the biochemistry option) for students interested in the pharmaceutical industry, medicine, dentistry, veterinary medicine or physical therapy; Option 3 (bioinformatics option) for students interested in graduate studies in biochemistry and bioinformatics as well as pharmaceutical and biotechnology industry. Major II includes a minimum concentration of 28 credits (option 1), 26 credits (option 2), and 20.5 credits (option 3) in 200-level and above chemistry courses, in addition to an 11-credit general chemistry core. Options 1-3 are all appropriate for students pursuing teacher education programs.

Students considering a chemistry major should consult the departmental adviser during their first semester to plan the proper sequence of courses, and they are urged to consult with the adviser at least once each succeeding semester. A year of General Chemistry and the accompanying General Chemistry Laboratory are prerequisites for admission to both Major I and Major II.
- Chemistry Major I
- Chemistry Major II

\section*{Minor in Chemistry}

A minor in Chemistry consists of a pre-requisite year of General Chemistry with laboratory (CHEM 10200 (STEM) through CHEM 10600 (STEM) or equivalent, 9 credits), and a minimum of 14 credits of coursework. Note that MATH 12500 is a co-requisite to General Chemistry. The minimum of 14 credits include the following required courses below. In addition, students will be required to take at least 5.5 credits of electives selected from Chemistry offerings numbered 200 or above, excluding CHEM 29101.

Prerequisite year of General Chemistry (note that MATH 12500 (STEM) is a prerequisite to General Chemistry)

\section*{CHEM 10200 (STEM) - General Chemistry I}
```

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

```

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr .
and

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity

GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .
or

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
and a minimum of 14 credits of coursework which include the following required courses:

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER \\ GER 3/B}

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{CHEM 22300-Organic Chemistry Laboratory I}

GER
3/B
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

4 hrs
2.5 cr .

\section*{CHEM 22400-Organic Chemistry Lecture II}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .
In addition, students will be required to take at least 5.5 credits of electives selected from Chemistry offerings numbered 200 or above, excluding

\section*{CHEM 29101 - Chemical Investigations}

\section*{Pluralism and Diversity}

GER 3/B
Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
4 hrs
1 cr .

\section*{Honors Work}

Opportunity for an individual research experience is provided by an honors course

\section*{CHEM 49101 - Introduction to Research}
```

Pluralism and Diversity
GER 3/B
Open to Jr/Sr only. Similar to CHEM 29101. Written report required. Fulfills requirement for departmental honors
course.
prereq: CHEM 22400, 35400, 34900, perm chair
4 hrs
l cr.

```

\section*{CHEM 49102 - Introduction to Research}
```

Pluralism and Diversity
GER 3/B
Open to Jr/Sr only. Similar to CHEM 29102. Written report required. Fulfills requirement for departmental honors
course.

```
prereq: CHEM 22400, 35400, 34900, perm chair
8 hrs
2 cr .

\section*{Electives}

Advanced lecture courses in special areas of chemistry, and lab courses providing training in inorganic and organic chemistry and in research techniques, are offered as electives for Major I and are open to students enrolled in Major II who have fulfilled the course prerequisites.

\section*{Graduate Study}

Qualified chemistry majors may be admitted to 700-level courses in the graduate program. Permission of the department is required.

\section*{Preparation for Teaching}

In cooperation with the School of Education, the Department of Chemistry provides opportunities for students to prepare for careers in teaching at the elementary and secondary level in the area of chemistry. Chemistry Major II, Option I (37 credits) and Option 2 ( 35 credits) both satisfy the requirements for New York State certification for teachers of chemistry in Childhood Education (Grades 1-6) and Adolescent Education (Grades 7-12). See Childhood Education (QUEST) Grades 1-6-BA and Adolescent Chemistry, Grades 7-12-BA. For students pursuing certification as chemistry teachers at the secondary level, the 26 -credit adolescent education sequence is appropriate. Students who want to qualify for New York City licensing and New York State certification for teaching in secondary schools should consult the The School of Education section of this catalog for additional requirements.

\section*{Chemistry Major I}

Return to Program and Courses in Chemistry

\section*{Foundational Courses}

Foundational Courses include courses in chemistry and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Chemistry Major I, the courses that meet CCC are:
Courses CUNY Common Core Foundational or Major
MATH 12500 Math \& Quantitative ReasoningFoundational
\begin{tabular}{ll} 
CHEM 10200 (STEM) Scientific World & Foundational \\
CHEM 10400 (STEM) Scientific World & Foundational \\
CHEM 10600 (STEM) Life and Physical Sciences & Foundational \\
CHEM 11100 (STEM) Life and Physical Sciences & Foundational \\
CHEM 11200 (STEM) Scientific World & Foundational
\end{tabular}

\section*{The major consists of a minimum of 43 credits}

The requirements for this major consist of a minimum of 43 credits in chemistry. This major is recommended for students preparing for admission to graduate school or for careers in chemical research. It will also be useful to students seeking a position in the chemical or allied industries, as it is accredited by the Committee on Professional Training of the American Chemical Society.

\section*{CHEM 22200-Organic Chemistry Lecture I}
```

GER
GER 3/B

```

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

CHEM 22400-Organic Chemistry Lecture II

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{CHEM 22500 - Organic Chemistry Laboratory II}

GER
3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

\section*{CHEM 24900-Quantitative Analysis}

\section*{GER}

GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (4 lab, 1 rec)
3 cr.

\section*{CHEM 34900 - Instrumental Analysis}

Pluralism and Diversity
GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.
prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr

\section*{CHEM 35200 - Physical Chemistry I}

GER
3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
prereq: CHEM 24900, MATH 15500, PHYS 12100 all with grade of C or better
3 hrs
3 cr .
offered fall

\section*{CHEM 35400-Physical Chemistry II - F}
```

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3cr.
offered fall

```
-or-

\section*{CHEM 35600-Physical Chemistry II - S}

\section*{GER}

GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr .
offered spring
-with-

\section*{CHEM 35500 - Physical Chemistry Laboratory I}

GER
3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr .
offered fall

\section*{CHEM 35700-Physical Chemistry Laboratory II}
```

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
prereq: CHEM 24900 or perm chair

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```

prereq or coreq: CHEM 35600

```
3 hrs
1.5 cr .
offered spring

\section*{CHEM 36600-Inorganic Chemistry}

\section*{GER}

GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.
prereq: CHEM 35200 with grade of C or better
3 hrs
\(3 c r\).

\section*{CHEM 37600-Biochemistry I}

\section*{GER}

3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 39000 - Current Laboratory Methods in Chemistry}

\section*{Pluralism and Diversity}

GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.
prereq or coreq: CHEM 35700 or perm instr.
4 hrs
2 cr .

\section*{One further laboratory course must be chosen from (research), (honors research) or the following}

\section*{CHEM 29102-Chemical Investigations}

\section*{Pluralism and Diversity}

GER 3/B

Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
8 hrs
2 cr .
-or-

\section*{CHEM 49102 - Introduction to Research}

Pluralism and Diversity
GER 3/B
Open to Jr/Sr only. Similar to CHEM 29102. Written report required. Fulfills requirement for departmental honors course.
prereq: CHEM 22400, 35400, 34900, perm chair
8 hrs
2 cr .
-or-

\section*{CHEM 37800-Biochemistry Laboratory}

GER
3/B
A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.
prereq: CHEM 22300 and CHEM 37600 or CHEM 64000
5 hrs (4 lab, 1 rec )
3 cr .
In addition, one additional lecture course must be chosen from among the following:

\section*{CHEM 32200-Organic Chemistry Lecture III}

GER
3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.
prereq: CHEM 22400 with grade of C or better, perm instr.
3 hrs
3 cr .
CHEM 35400-Physical Chemistry II - F

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

\section*{CHEM 35600-Physical Chemistry II-S}

\section*{GER \\ GER 3/B}

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr.
offered spring

\section*{CHEM 37700-Biochemistry II}

GER
3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
\(3 c r\).

\section*{Also acceptable for completion of Major I are}

\section*{PHYS 33000-Atomic and Nuclear Physics}

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr .
-or-

\section*{PHILO 36200 - Theory of Knowledge (W)}

GER
3/A

Study of origin, structure, methods and foundations of human knowledge. prereq: Two courses in philosophy, at least one of which is at the 200 level. 3 hrs
3 cr .
-Or-

\section*{PHILO 37900 - Philosophy of Science (W)}

\section*{GER}

3/B

Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

\section*{Additional Information}

Students should be aware, however, that if either of the philosophy courses is used to complete the Major I requirements, the major will not be eligible for accreditation by the American Chemical Society.

One year of physics, and four semesters of mathematics, are also required for this major

\section*{PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}
```

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

```
For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

MATH 15000 (STEM) - Calculus with Analytic Geometry I

\section*{Hunter Core}

Math/Quantitative Reasoning

GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

\section*{MATH 25000-Calculus with Analytic Geometry III}

\section*{GER}

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
\(4 c r\).

\section*{MATH 25400 - Ordinary Differential Equations}

\section*{GER}

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.
-or-

\section*{MATH 26000 - Linear Algebra}

\section*{GER}

3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000

\section*{Additional Information}

CHEM 24900, MATH 15000 (STEM) and MATH 15500 (STEM) , and PHYS 12100 (STEM) are prerequisites for CHEM 35200 and should be completed by the end of the sophomore year.

Major I is required of all students who wish to be considered for certification by the American Chemical Society upon graduation. It is recommended for all students intending to enter the profession of chemistry through either graduate study or employment in industry or government. Students who can attend only in the evenings should consult the department adviser regarding the feasibility of completing Chemistry Major I.

\section*{Chemistry Major II}

\section*{Return to Programs and Courses in Chemistry}

\section*{Foundational Courses}

Foundational Coures include courses in chemistry and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.
Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Chemistry Major II, the courses that meet CCC are:
\begin{tabular}{lll} 
Courses & CUNY Common Core & Foundational or Major \\
MATH 12500 & Math \& Quantitive Reasoning & Foundational \\
CHEM 10200 (STEM) & Scientific World & Foundational \\
CHEM 10400 (STEM) & Scientific World & Foundational \\
CHEM 10600 (STEM) & Life and Physical Sciences & Foundational \\
CHEM 11100 (STEM) & Life and Physical Sciences & Foundational \\
CHEM 11200 (STEM) & Scientific World & Foundational
\end{tabular}

\section*{General Chemistry Core:}

One year of General Chemistry Lecture and Laboratory

\section*{CHEM 10200 (STEM) - General Chemistry I}
```

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

```

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}
```

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
or its equivalent
-or-

```

\section*{CHEM 11100 (STEM) - Chemical Principles}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

\section*{CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry}

\section*{Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E}

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

\section*{Option 1:}

For students interested in a career in the chemical industry. It consists of a minimum of 28 credits in chemistry above the introductory level and an 11 -credit general chemistry core for a minimum total of 39 credits of chemistry. One year of physics and three semesters of calculus are also required.

\section*{Required chemistry courses:}

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{CHEM 22300-Organic Chemistry Laboratory I}

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

\section*{CHEM 22400 - Organic Chemistry Lecture II}

\section*{GER \\ GER 3/B}

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
```

prereq: CHEM 22200 with a grade of C or better

```
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

\section*{CHEM 22500-Organic Chemistry Laboratory II}

\section*{GER}

3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

\section*{CHEM 24900-Quantitative Analysis}

\section*{GER}

GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
```

prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (4 lab, 1 rec)
cr.

```

\section*{CHEM 35200-Physical Chemistry I}

GER
3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
prereq: CHEM 24900, MATH 15500, PHYS 12100 all with grade of C or better
3 hrs
3 cr.
offered fall

\section*{CHEM 35400 - Physical Chemistry II - F}

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr .
offered fall
-or-

\section*{CHEM 35600 - Physical Chemistry II - S}

\section*{GER}

GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr .
offered spring

\section*{CHEM 35500 - Physical Chemistry Laboratory I}

GER
3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr .
offered fall

\section*{CHEM 35700 - Physical Chemistry Laboratory II}

\section*{Pluralism and Diversity}

GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
```

prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

```

\section*{Required elective course:}
- Any chemistry course at the 300 level or above excluding CHEM 49101 .

\section*{Required allied courses:}

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

\section*{MATH 25000 - Calculus with Analytic Geometry III}

\section*{GER}

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
\(4 c r\).

\title{
PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
}

\author{
Hunter Core \\ Scientific World (SW) Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

\section*{Option 2 (Biochemistry option):}

For students preparing for admission to medical, dental, veterinary schools or physical therapy programs, or for students interested in a career in the pharmaceutical industry. It consists of a minimum of 26 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 37 credits of chemistry. One year of physics, one year of biology and one year of calculus are also required.

\section*{Required chemistry courses:}

\section*{CHEM 22200-Organic Chemistry Lecture I}

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
```

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4cr.

```

\section*{CHEM 22300-Organic Chemistry Laboratory I}

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

\section*{CHEM 22400-Organic Chemistry Lecture II}
```

GER
GER 3/B

```

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
```

prereq: CHEM 22200 with a grade of C or better

```
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

\section*{CHEM 22500-Organic Chemistry Laboratory II}

\section*{GER}

3/B
Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

\section*{CHEM 35000-Biophysical Chemistry}

Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better 5 hrs (4 lec, 1 rec)
\(4 c r\)
CHEM 37600-Biochemistry I

GER
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 37700-Biochemistry II}

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
3 cr .

\section*{CHEM 37800 - Biochemistry Laboratory}

\section*{GER}

3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.
prereq: CHEM 22300 and CHEM 37600 or CHEM 64000
5 hrs (4 lab, 1 rec )
3 cr.

\section*{Required elective course:}

Any chemistry course at the 300 level or above excluding CHEM 49101 Introduction to Research Also acceptable CHEM 24900 Quantitative Analysis

\section*{Required allied courses:}

\section*{BIOL 10000 (STEM) - Principles of Biology I}
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and
evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
\(4 c r\).

\title{
PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E
}

First semester of two-semester introductory physics course using algebra. prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\title{
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ \section*{GER} \\ 2/E
}

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{Option 3 (Bioinformatics option):}

For students interested in graduate studies in biochemistry and bioinformatics as well as the pharmaceutical and biotechnology industry. In order to enroll in this Option, students must earn an average grade of B- or above in CHEM 10400 (STEM), CHEM 22200, BIOL 10000 (STEM), and MATH 15000 (STEM). In addition, no more than one C grade is allowed in these four courses to declare Option 3. This option consists of a minimum of 20.5 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 32 credits of chemistry. Three semesters of biology, one year of physics, one year of computer science, one year of calculus, and one semester of statistics are also required.

\section*{Required chemistry courses:}

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{CHEM 22500-Organic Chemistry Laboratory II}

\section*{GER}

3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

\section*{CHEM 35000-Biophysical Chemistry}

Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr

\section*{CHEM 37600-Biochemistry I}

\section*{GER}

3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 37700-Biochemistry II}

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
3 cr .
Required allied courses:
```

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

```

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}
```

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E
}

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{CSCI 13200 - Practical UNIX and Programming, with Lab}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .
CSCI 23200 - Relational Databases and SQL Programming, with Lab

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{Undergraduate Major/Graduate Major}

\section*{Chemistry/Adolescent Education: Chemistry - BA/MA}

An accelerated program leading to a BA in Chemistry and an MA in Adolescent Education: Chemistry. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the MA degree one year after they complete the requirements for the BA degree. Students interested in the program should speak to a chemistry department adviser during their sophomore year to review the curriculum path for the five-year program. A minimum of 138 credits is required for the dual degree.

\section*{Undergraduate Minor}

\section*{Minor in Chemistry}

\section*{Required courses for the Minor \\ CHEM 22200-Organic Chemistry Lecture I \\ GER \\ GER 3/B}

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

\section*{CHEM 22300-Organic Chemistry Laboratory I}

\section*{GER}

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

\section*{CHEM 22400 - Organic Chemistry Lecture II}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

\section*{Chemistry}

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)

GER
GER 2/E

Essential facts, laws, and theories of general chemistry.

Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec)
3 cr.

\section*{CHEM 10100 - Inquiries into the Nature of Matter}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) \\ GER \\ GER 2/E
}

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr .

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)

\section*{GER}

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10201 - General Chemistry 1 Recitation}

1 hr .
0 cr .

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.

Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
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prereq or coreq: CHEM 10200

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4 hrs (3 lab, 1 rec)
1.5 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}
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Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.

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\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity

GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

\section*{CHEM 11100 (STEM) - Chemical Principles}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ GER 2/E
}

In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

\section*{CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry}

\section*{Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E}

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

\section*{CHEM 11500 - Introductory Chemistry}

An introduction to the fundamental concepts in chemistry including atomic and molecular structure, chemical bonding, stoichiometry, and solution chemistry.
This course is appropriate for students who have had no prior coursework in chemistry.
prereq or coreq: MATH 12500
4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\section*{Hunter Core}

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

\section*{CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

\section*{CHEM 15000 - Peer-Led Teaching in Chemistry}

Students learn to become peer-leaders for workshops held in either Essentials of Chemistry, General Chemistry, or Organic Chemistry Topics include: multiple intelligences and differences in learning styles; basic theory of learning; issues related to race, class and gender.
prereq: CHEM 12000, CHEM 10400, or CHEM 11200 and perm dept.
2 hrs
1 cr .

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{CHEM 22300 - Organic Chemistry Laboratory I}

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

\section*{CHEM 22301 - Organic Chemistry 1 Lab Rec}

Recitation required for Organic 1 Laboratory
1 hr .
0 cr.

\section*{CHEM 22400-Organic Chemistry Lecture II}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
CHEM 22500-Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

\section*{CHEM 22501 - Organic Chemistry 2 Lab Rec}

Recitation required for Organic 2 Laboratory
1
0

\section*{CHEM 24900-Quantitative Analysis}

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (4 lab, 1 rec )
3 cr.

\section*{CHEM 29101 - Chemical Investigations}

\section*{Pluralism and Diversity}

GER 3/B
Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
4 hrs
1 cr .

\section*{CHEM 29102 - Chemical Investigations}

Pluralism and Diversity
GER 3/B

Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of two semesters.
prereq: CHEM 22400, perm chair
8 hrs
2 cr .

\section*{CHEM 29500 - Introduction to Planning and Teaching of Laboratory Work in Chemistry}

Participate in supervised teaching experiments that demonstrate important principles of chemistry.
prereq: CHEM 10400, CHEM 10500, two letters from faculty who have taught the student
5 hrs (2 planning, 3 lab)
2 cr .

\section*{CHEM 32200-Organic Chemistry Lecture III}

\section*{GER}

3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.
prereq: CHEM 22400 with grade of C or better, perm instr.
3 hrs
3 cr .

\section*{CHEM 33300-Computational Drug Discovery}

Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.
prereq: CHEM 37600 or BIOL 30000 or permission of the instructor
3 hrs
3 cr .

\section*{CHEM 34900 - Instrumental Analysis}

\section*{Pluralism and Diversity}

GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.
prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr

\section*{CHEM 35000-Biophysical Chemistry}

Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22400, BIOL 10200, MATH 15000 all with grade of C or better
5 hrs (4 lec, 1 rec)
\(4 c r\)

\section*{CHEM 35200 - Physical Chemistry I}

\section*{GER}

3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
prereq: CHEM 24900, MATH 15500, PHYS 12100 all with grade of C or better
3 hrs
3 cr.
offered fall

\section*{CHEM 35400-Physical Chemistry II - F}

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr .
offered fall

\section*{CHEM 35500-Physical Chemistry Laboratory I}

\section*{GER}

3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr .
offered fall

\section*{CHEM 35600-Physical Chemistry II - S}

GER
GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 15500 all with grade of C or better
3 hrs
3 cr.
offered spring

\section*{CHEM 35700-Physical Chemistry Laboratory II}
```

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

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CHEM 36000 - Introduction to Nanotechnology

This course introduces students to the underlying principles and applications of the emerging fields of nanotechnology and nanoscience. Intended for a multidisciplinary audience with a variety of backgrounds, the course introduces tools and principles relevant at the nano scale dimension. The course discusses current and future nanotechnology applications in engineering, materials, physics, chemistry, biology, electronics, and energy.
prereq: CHEM 35000 or CHEM 35200
coreq: CHEM 35600
3 hrs
3 cr.

\section*{CHEM 36600-Inorganic Chemistry}

\section*{GER}

GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.
prereq: CHEM 35200 with grade of C or better
3 hrs
3 cr .

\section*{CHEM 36800-Structural Biology}

This course introduces students to the applications of molecular spectroscopy and other emerging techniques used to study the structure, the molecular interactions and the self-assembly of biomolecules. The course will be taught in a mixed format including lectures, computer laboratory projects, student-led discussions on journal papers, and a final writing/oral presentation project.
prereq: CHEM 37600 and either CHEM 35000 or CHEM 35200
prereq or coreq: CHEM 37700
3 hrs
3 cr .

\section*{CHEM 37600-Biochemistry I}

\section*{GER}

3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22400 with grade of C or better
4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 37700-Biochemistry II}

\section*{GER}

3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better or BIOL 30000 or perm instr.
3 hrs
3 cr .

\section*{CHEM 37800-Biochemistry Laboratory}

\section*{GER}

3/B
A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.
prereq: CHEM 22300 and CHEM 37600 or CHEM 64000
5 hrs (4 lab, 1 rec )
3 cr .

\section*{CHEM 38800 - Topics of Current Interest in Chemistry}

\section*{Pluralism and Diversity}

GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.
prereq or coreq: CHEM 35200 and CHEM 35600 or perm instr.
3 hrs
3 cr .

\section*{CHEM 39000 - Current Laboratory Methods in Chemistry}

\section*{Pluralism and Diversity}

GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.
prereq or coreq: CHEM 35700 or perm instr.
4 hrs
\(2 c r\).

\section*{Chemistry: Honors Course}

\section*{CHEM 49101 - Introduction to Research}

\section*{Pluralism and Diversity}

GER 3/B
Open to Jr/Sr only. Similar to CHEM 29101. Written report required. Fulfills requirement for departmental honors course.
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prereq: CHEM 22400, 35400, 34900, perm chair
4 hrs
1 cr .

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\section*{CHEM 49102 - Introduction to Research}

Pluralism and Diversity
GER 3/B
Open to Jr/Sr only. Similar to CHEM 29102. Written report required. Fulfills requirement for departmental honors course.

8 hrs
2 cr .

\section*{Program and Courses in Jewish Studies}

\section*{Jewish Studies}

\section*{About the Program}

Jewish Studies is an inter-departmental, multi-disciplinary program offering a 24 -credit major leading to a BA degree in Jewish Studies with courses in such fields as history, Hebrew language and literature, English and other literatures, religion, sociology, and political science. It also offers independent study and fieldwork on Jewish subjects and a 12credit minor.

\section*{Programs and Courses}

Program and Courses in Jewish Studies

\section*{Administration and Faculty}

Program Office:
1546 West
(212)772-5542

Program Director:

Bruce L. Ruben
1546 West
(917) 538-5885
bruben@hunter.cuny.edu

\section*{Faculty}

Jewish Studies Faculty
HEGIS Code: 0309

\section*{Undergraduate Major}

\section*{Jewish Studies - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Jewish Studies Major}

The Jewish Studies program offers a 24 -credit major. The 24 required credits are distributed as follows:

\section*{Required of All Majors}

The 6 core credits required of all majors are:

\section*{HIST 20800 - History of the Jews}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000

3 hours
3 credits

\section*{HEBR 22200 - Introduction to Jewish Texts and Writings}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

\section*{15 Credits in Jewish Studies}

In addition to the core courses, students must select 15 credits in Jewish studies in conjunction with the program adviser, at least 6 of which must be at the 300 -level or above. Students are encouraged to select from, but are not limited to, the following:

\section*{HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)}
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

```

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr .

HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

\section*{HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)}

\section*{GER}

3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

\section*{HEBR 49100 - Honors Project}

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr.
HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.
HIST 24200 - The Holocaust: An Introduction

Pluralism and Diversity
PD/D
The attempt to exterminate the Jewish people by the Nazis.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 30900 - Jewish History in the Ancient World}

Pluralism and Diversity
PD/A
GER
3/B
The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{HIST 31000 - Jewish History in the Medieval and Early Modern Periods}
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Pluralism and Diversity
PD/D
GER
3/B

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The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
\(3 c r\).

\section*{HIST 32000 - Jewish History in the Modern World (W)}

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 32100-History of the Holocaust

GER
3/B

Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 35700-American-Jewish History (W)
Pluralism and Diversity
PD/D
GER
3/B
Development of the American Jewish community; economic, political and social integration; cultural adaptation. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
JS 31000 - Jewish Studies Fieldwork

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr .
prereq: qualified \(J r / S r\).
hrs TBA
3-6 cr.

\section*{JS 40000 - Individual Honors Project}

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified \(\mathrm{Jr} / \mathrm{Sr}\), perm instr. or program director
prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
\(3-6\) cr.

\section*{JS 41050 - Jewish Studies Seminar I}

Selected topics and problems in Jewish studies.
prereq: qualified \(J r / S r\), perm instr. or program director
3 hrs
3 cr. each

\section*{JS 41051 - Jewish Studies Seminar II}

Selected topics and problems in Jewish studies.
prereq: qualified \(J r / S r\), perm instr. or program director
3 hrs
3 cr. each

\section*{POLSC 26400 - Government and Politics of Israel (W)}

\section*{GER}

3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 25300 - Abrahamic Religions (W)}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{More Options}

Other courses that may be selected to meet this 15-credit requirement are ENGL 38663 (ENGL 38600), The Bible in British and American Literature, ENGL 39058 (ENGL 39000), Literature and Catastrophe (focus on Holocaust Studies), ENGL 39968 (ENGL 39900), Jewish American Literature, HIST 740, Modern Jewish Social and Intellectual History (see graduate catalog) and HIST 748, American Jewish History (see graduate catalog).

Note

Up to 6 credits of independent study and fieldwork may be taken unless special permission is obtained from the program adviser.

\section*{Capstone Course (3 Credits)}

One of the following courses should be taken as a capstone course:

\section*{JS 40000 - Individual Honors Project}

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified \(\mathrm{Jr} / \mathrm{Sr}\), perm instr. or program director prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

\section*{JS 41050 - Jewish Studies Seminar I}

Selected topics and problems in Jewish studies.
prereq: qualified \(J r / S r\), perm instr. or program director
3 hrs
3 cr. each

\section*{JS 41051 - Jewish Studies Seminar II}

Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr. each

\section*{Minor in Jewish Studies}

The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of higher learning may be applied to the minor. Jewish Studies minors cannot apply any 100-level courses to the minor.

\section*{Honors in Jewish Studies}

Students will be eligible for honors in Jewish Studies upon completion of 24 credits in Jewish Studies with a 3.5 GPA and a 2.8 cumulative GPA at the time of graduation. To be eligible to graduate with honors in Jewish Studies, students can take the following JS 40000 (Individual Honors Project) or JS 41050/JS 41051 (Jewish Studies Seminar, I or II), HEBR 49100 (Honors Project) or graduate courses with special permission, with a grade of B or better. Eligible students should apply for honors at the time they file for graduation.

\section*{Undergraduate Minor}

\section*{Minor in Jewish Studies}

The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of higher learning may be applied to the minor. Jewish Studies minors cannot apply any 100-level courses to the minor.

\section*{Jewish Studies}

\section*{JS 30000 - Independent Studies}

Not open to students who have completed fewer than 30 credits. Guided readings under faculty supervision on a topic in Jewish Social Studies. May be repeated up to 3 times for a total of not more than 9 credits.
prereq: 3 cr. in Jewish Studies recommended
1-6 hrs
1-6 cr.

\section*{JS 31000 - Jewish Studies Fieldwork}

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr .
prereq: qualified \(J r / S r\).
hrs TBA
3-6 cr.

\section*{JS 40000 - Individual Honors Project}

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified \(\mathrm{Jr} / \mathrm{Sr}\), perm instr. or program director prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

\section*{JS 41050 - Jewish Studies Seminar I}

Selected topics and problems in Jewish studies.
prereq: qualified \(J r / S r\), perm instr. or program director
3 hrs
3 cr. each

\section*{JS 41051 - Jewish Studies Seminar II}

Selected topics and problems in Jewish studies.

3 hrs
3 cr. each

\section*{Program and Courses in Religion}

\section*{Religion}

\author{
About the Program \\ Program Description \\ Program in Religion \\ Religion - BA \\ Administration and Faculty \\ Program Office:
}

1241 West
(212) 772-4989

Web site: http://www.hunter.cuny.edu/religion

\section*{Director:}

\section*{Barbara Sproul}

1206 West
(212)772-4986
bsproul@hunter.cuny.edu

\section*{Faculty}

Religion Faculty
HEGIS Code: 1510

\section*{Minor in Religion}

The Minor in Religion consists of four courses for a total of 12 credits.
- The following two courses are required:
- REL 11000 - Nature of Religion (W)
- REL 11100 - Approaches to Religion (W)
- Also required for the Minor in Religion:
a) one course to be chosen from those listed under the category "Religious Traditions"; and
b) one course from the category "Issues in Religion" reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300-level course.

\section*{Religion - BA}

Return to: Religion Program Information

\section*{Foundational Course}

A Foundational Course, ENGL 12000, must be completed before embarking upon the major.

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

Major (30 cr)

A major in religion consists of 30 credits. A sequence of courses for the major normally includes REL 11000-Nature of Religion, REL 11100-Approaches to Religion, REL 25100-Asian Religions, and REL 25300-Abrahamic
Religions followed by at least one course in theoretical studies and at least one course in religious issues.
1. Introduction to the Field of Religion
2. Theoretical studies in Religion
3. Issues in Religion
4. Religious Traditions

On becoming a major the student, in consultation with the director, will select one member of the program in Religion staff as his or her major adviser. Each religion major is required to consult with this adviser at least twice a year.

\section*{Religion Program Courses}

\section*{I. Introduction to the Field of Religion}

\section*{REL 11000 - Nature of Religion (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr .

\section*{REL 11100 - Approaches to Religion (W)}

\section*{Hunter Core}

Individual and Society (I\&S) Humanities
GER
2/C
Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{II. Theoretical Studies in Religion}

\section*{REL 27000 - Religion and Psychology (W)}

\section*{Pluralism and Diversity}

PD/D
GER
2/C
An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of
text, story and film.
prereq: ENGL 12000
3 hrs
\(3 c r\).
SOC 20500 - Sociology of Religion

GER
3/B
Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100
3 hrs
3 cr .
PHILO 26200 - Philosophy of Religion (W)
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GER
3/A
Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3cr.

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\section*{ANTHC 30700 - Anthropology of Religion}

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
\(3 c r\).

\section*{REL 39000 - Modern Theories of Religion (W)}

Pluralism and Diversity
PD/D
GER
3/A
An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
prereq: ENGL 12000, REL 11100
3 hrs
3 cr .
REL 26000 - Special Topics: Theoretical Studies in Religion

Specialized study of a methodological approach to the study of religion. Different topic each time offered.
3 hrs
3 cr .

REL 36000 - Special Topics: Theoretical Studies in Religion

\section*{GER}

3/A

Specialized study of a methodological approach to study of religion. Different topic each time offered.
3 hrs
3 cr .
III. Issues in Religion

REL 20400 - Religious Experience (W)
```

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

```

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western. prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 20500 - Faith and Disbelief (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .
REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20700 - Religious Sources for Morality (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20800 - Religion and Social Justice (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/B
An exploration into religious perspectives on such social issues as war, race, the economy and gender relations. prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 20900 - Religion and Human Rights (W)}

\section*{Hunter Core}

Individual and Society - Humanities
GER
2/C
It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the \(20^{\text {th }}\) century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment - seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 21000 - Atheism (W)}

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 21100 - The Sacred Sky: Astrology in World Religions (W)}

GER
2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 30700 - Religious Ideas in Modern Literature (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 30800-Religion and the Arts (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered. prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 30900 - The Religious Meanings of Love and Sex (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic
and religious realities
prereq: ENGL 12000
3 hrs
3cr.

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\section*{REL 31000 - The Religious Meanings of Death (W)}
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Pluralism and Diversity
PD/D
GER
3/A
Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3cr.

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REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
3/A

An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr .

REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and nonWestern traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr .
REL 31300 - Spirit and Nature (W)

\section*{Pluralism and Diversity}

PD/D
GER
3/A
An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31400-Religion and Sports (W)}

GER
3/A
A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in \(19^{\text {th }}\) century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31500 - The Problem of Evil (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31600 - Men and Religion (W)}

\section*{Pluralism and Diversity}

PD/C -or- PD/D
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars-both male and female--have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 31700-Religion and Film (W)}

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative - topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion.
prereq: ENGL 12000
3 hr.s
3 cr .

\section*{REL 31800-Religion and Science (W)}

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31900 - Religion and the Body (W)}

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 33400-Mysticism (W)}

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 33500 - Myth and Ritual (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

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Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis. prereq: ENGL 12000
3 hrs
3 cr .

REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity
PD/C
GER
3/A

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender. prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 26100 - Special Topics: Issues in Religion}

Study of particular religious topics or thinkers. Different subject each time offered. 3 hrs
\(3 c r\).
REL 36100-Special Topics: Issues in Religion

GER
3/A
Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr .
IV. Religious Traditions

Ancient Religions
REL 25200 - Ancient Near Eastern Religions (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A

\section*{GER}

2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25700 - Religions of Ancient Central and South America (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C
Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25800 - Religions of Ancient Europe (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{CLA 30300-Religion of Ancient Greece (W)}

\section*{Pluralism and Diversity}

GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
prereq: ENGL 12000, CLA 10100 or 20100

3 hrs
3 cr .

\section*{CLA 30400 - Pagans and Christians (W)}

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .
HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

Asian Religions

\section*{REL 25100 - Asian Religions (W)}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr .
REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 32100 - Buddhism (W)}

Pluralism and Diversity
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

REL 33600-Zen (W)

Pluralism and Diversity
PD/A
GER
3/A

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds. prereq: ENGL 12000
3 hrs
3 cr .
PHILO 21900 - Chinese Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.
prereq: ENGL 10000 and one course in Philosophy
3 hrs
3 cr .

\section*{African, Afro-Caribbean and Afro-American Religions}

\section*{REL 25600 - Afro-Caribbean Religions (W)}
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Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

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An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 22000 - African Spirituality in the Diaspora}

Pluralism and Diversity
PD/A or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3 cr .

\section*{AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)}

Pluralism and Diversity
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr .
offered every other sem.

\section*{AFPRL 32300 - Islam and Christianity in Africa (W)}

\section*{GER}

3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

\section*{AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)}
```

Pluralism and Diversity
PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3cr.

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\section*{AFPRL 42000-The Black Church and Social Change}

\section*{GER}

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .

\section*{Abrahamic Religions}

\section*{REL 25300 - Abrahamic Religions (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25500 - Religions of Two Gods (W)}

Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{HEBR 24000 - Introduction to the Old Testament}
```

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

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Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

\section*{HEBR 25900 - Old Testament Religion}
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

\section*{HEBR 29200 - The Hebrew Prophets}
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr
HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr
HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B
The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 32000 - Jewish History in the Modern World (W)
Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

REL 33000 - New Testament Religion (W)
```

Pluralism and Diversity
PD/D
GER
3/A
Scholarly consideration of religion of New Testament: the mystery of Jesus Christ, Paul's message, ethics, relation to the Law of Judaism, salvation theology, apocalyptic thinking.
prereq: ENGL 12000
3 hrs
3cr.

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\section*{REL 32300 - Christianity (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
3 cr .

REL 33300 - Christian Theology (W)

Pluralism and Diversity
PD/D
GER
3/A

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 31400-Ancient and Medieval Christianity (W)}

Pluralism and Diversity
PD/D
GER
3/B
The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 31500 - Christianity in Modern Times

GER
3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.
3 hrs
3 cr.

\section*{HIST 31600-History of Religion in the United States}

\section*{GER}

3/B

Changing European churches and indigenous American sects; their architecture, leaders and ideas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 32400 - Islam and Buddhism (W)}

Pluralism and Diversity
PD/A
GER
3/A
Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 32600 - Religious Meanings of the Qur'ān (W)}

\section*{GER}

3/A
This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" ('Ulüm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility
(especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
3 cr.

\section*{REL 33700 - Sufism (W)}

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Tribal Religions}

REL 25400 - Tribal Religions: From Australia to the Americas (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .
Special Topics in Traditions

\section*{REL 26200 - Special Topics: Religious Traditions}

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.
3 hrs
3 cr .
REL 36200 - Special Topics: Religious Traditions

\section*{GER}

3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.

3 hrs
3 cr .

\section*{Independent Study}

\section*{REL 41000 - Independent Study in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.
May be taken a second or third time with another subject.
prereq: perm chair
hrs TBA
\(1-6 \mathrm{cr}\).

\section*{Honors}

To be eligible for honors classes a student must have the director's permission and at least a 3.5 GPA in the major and cumulatively. To qualify for departmental honors, a student must complete one of the honors courses with a grade of B or above, achieving a final GPA in Religion and cumulatively of at least 3.5.

\section*{REL 45000 - Honors Seminar in Religion}

Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.
prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director
3 hrs
3 cr .

\section*{REL 49000 - Honors Tutorial in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.
prereq: perm chair
hrs TBA
3-6 cr.

\section*{Minor in Religion}

The Minor in Religion consists of four courses for a total of 12 credits.

The following two courses are required:

\section*{REL 11000 - Nature of Religion (W)}

Hunter Core
Individual and Society (Humanities) -I\&S H
GER

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.

\section*{REL 11100 - Approaches to Religion (W)}

\section*{Hunter Core}

Individual and Society (I\&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr .
Also required for the Minor in Religion:
a) one course to be chosen from those listed under the category "Religious Traditions"; and
b) one course from the category "Issues in Religion" reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300 -level course.

\section*{Religion: Introduction to the Field of Religion}

REL 11000 - Nature of Religion (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr .

\section*{REL 11100 - Approaches to Religion (W)}

\section*{Hunter Core}

Individual and Society (I\&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Religion: Theoretical Studies in Religion}

\section*{ANTHC 30700 - Anthropology of Religion}
```

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3cr.

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\section*{REL 26000 - Special Topics: Theoretical Studies in Religion}

Specialized study of a methodological approach to the study of religion. Different topic each time offered.
3 hrs
3 cr .

\section*{REL 27000 - Religion and Psychology (W)}

Pluralism and Diversity
PD/D
GER
2/C
An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31700-Religion and Film (W)}

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative - topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion.
prereq: ENGL 12000
3 hr.s
3 cr .

\section*{REL 36000 - Special Topics: Theoretical Studies in Religion}

\section*{GER}

3/A
Specialized study of a methodological approach to study of religion. Different topic each time offered.
3 hrs
3 cr .

\section*{REL 39000 - Modern Theories of Religion (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

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An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
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prereq: ENGL 12000, REL 11100

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3 hrs
3 cr .

\section*{Religion: Issues in Religion}

REL 20400-Religious Experience (W)
```

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

```

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20500 - Faith and Disbelief (W)}

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C
Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .
REL 20600 - Ideas of God in Contemporary Western Thought (W)
Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 20700 - Religious Sources for Morality (W)}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C
}

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20800 - Religion and Social Justice (W)}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/B
}

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20900 - Religion and Human Rights (W)}

\section*{Hunter Core}

Individual and Society - Humanities
GER
2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the \(20^{\text {th }}\) century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment - seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 21000 - Atheism (W)}

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
prereq: ENGL 12000
3 hrs
3 cr .
REL 26100 - Special Topics: Issues in Religion

Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr.
REL 30700 - Religious Ideas in Modern Literature (W)
Pluralism and Diversity
PD/D
GER
3/A
Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr .
REL 30800-Religion and the Arts (W)

Pluralism and Diversity
PD/D
GER
3/A
Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered. prereq: ENGL 12000
3 hrs
3 cr .
REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 31000 - The Religious Meanings of Death (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3cr.

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\section*{REL 31100 - Women and Religion (W)}

Pluralism and Diversity
PD/C
GER
3/A

An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 31200 - Religion and Politics (W)}

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and nonWestern traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31300 - Spirit and Nature (W)}

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.

3 hrs
\(3 c r\).

\section*{REL 31500 - The Problem of Evil (W)}

\author{
Pluralism and Diversity \\ PD/D \\ GER \\ 3/A
}

Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31600-Men and Religion (W)}

\begin{abstract}
Pluralism and Diversity
PD/C -or- PD/D
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars-both male and female--have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.
prereq: ENGL 12000
3 hrs
3 cr .
\end{abstract}

\section*{REL 31800-Religion and Science (W)}

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31900-Religion and the Body (W)}

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.
prereq: ENGL 12000

3 hrs
3 cr .

REL 33400-Mysticism (W)
```

Pluralism and Diversity
PD/D
GER
3/A

```

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 33500 - Myth and Ritual (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis. prereq: ENGL 12000
3 hrs
3 cr .
REL 34000 - Homosexuality in World Religions (W)
```

Pluralism and Diversity
PD/C
GER
3/A

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A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 36100 - Special Topics: Issues in Religion}

GER
3/A
Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr .

\section*{Religion: Religious Traditions}

\section*{REL 21100 - The Sacred Sky: Astrology in World Religions (W)}

\section*{GER}

2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25100 - Asian Religions (W)}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
cr.

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REL 25200 - Ancient Near Eastern Religions (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old
Testament).
prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 25400 - Tribal Religions: From Australia to the Americas (W)}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

```

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr.
REL 25500 - Religions of Two Gods (W)
Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 25600 - Afro-Caribbean Religions (W)}
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25700 - Religions of Ancient Central and South America (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity

P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25800 - Religions of Ancient Europe (W)}
```

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C

```

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25800 - Religions of Ancient Europe (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
3 hrs
3 cr .

REL 26200 - Special Topics: Religious Traditions

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.
3 hrs
3 cr .

\section*{REL 31400-Religion and Sports (W)}

\section*{GER}

3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in \(19^{\text {th }}\) century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
prereq: ENGL 12000
3 hrs
3 cr.
REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .
REL 32100 - Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.

3 hrs
\(3 c r\).

\section*{REL 32300 - Christianity (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 32400 - Islam and Buddhism (W)}

\section*{Pluralism and Diversity}

PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 32600 - Religious Meanings of the Qur'ān (W)}

\section*{GER}

3/A
This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur' \(\overline{\text { ann " }}\) ('Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
\(3 c r\).

\section*{REL 33000-New Testament Religion (W)}

\section*{Pluralism and Diversity}

PD/D
GER

Scholarly consideration of religion of New Testament: the mystery of Jesus Christ, Paul's message, ethics, relation to the Law of Judaism, salvation theology, apocalyptic thinking.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 33300-Christian Theology (W)}

Pluralism and Diversity
PD/D
GER
3/A
An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 33600-Zen (W)}

Pluralism and Diversity
PD/A
GER
3/A
An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 33700 - Sufism (W)}

Pluralism and Diversity
PD/A
GER
3/A
A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 36200 - Special Topics: Religious Traditions}

\section*{GER}

3/A
Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.

3 hrs
3 cr .

\section*{REL 41000 - Independent Study in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.
May be taken a second or third time with another subject.
prereq: perm chair
hrs TBA
1-6 cr.

\section*{REL 45000 - Honors Seminar in Religion}

Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.
prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director
3 hrs
3 cr .

\section*{REL 49000 - Honors Tutorial in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.
prereq: perm chair
hrs TBA
3-6 cr.

\section*{Program in Religion}

\section*{Religion - BA}

Return to: Religion Program Information

\section*{Foundational Course}

A Foundational Course, ENGL 12000, must be completed before embarking upon the major.

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

A major in religion consists of 30 credits. A sequence of courses for the major normally includes REL 11000-Nature of Religion, REL 11100-Approaches to Religion, REL 25100-Asian Religions, and REL 25300-Abrahamic
Religions followed by at least one course in theoretical studies and at least one course in religious issues.
1. Introduction to the Field of Religion
2. Theoretical studies in Religion
3. Issues in Religion
4. Religious Traditions

On becoming a major the student, in consultation with the director, will select one member of the program in Religion staff as his or her major adviser. Each religion major is required to consult with this adviser at least twice a year.

\section*{Religion Program Courses}

\section*{I. Introduction to the Field of Religion}

\section*{REL 11000 - Nature of Religion (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr .

\section*{REL 11100 - Approaches to Religion (W)}

\section*{Hunter Core}

Individual and Society (I\&S) Humanities
GER
2/C
Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{II. Theoretical Studies in Religion}

\section*{REL 27000 - Religion and Psychology (W)}

\section*{Pluralism and Diversity}

PD/D
GER
2/C
An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of
text, story and film.
prereq: ENGL 12000
3 hrs
\(3 c r\).
SOC 20500 - Sociology of Religion

GER
3/B
Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100
3 hrs
3 cr .
PHILO 26200 - Philosophy of Religion (W)
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GER
3/A
Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr .

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\section*{ANTHC 30700 - Anthropology of Religion}

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr.

\section*{REL 39000 - Modern Theories of Religion (W)}

Pluralism and Diversity
PD/D
GER
3/A

An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
prereq: ENGL 12000, REL 11100
3 hrs
3 cr .
REL 26000 - Special Topics: Theoretical Studies in Religion

Specialized study of a methodological approach to the study of religion. Different topic each time offered.
3 hrs
3 cr .

REL 36000 - Special Topics: Theoretical Studies in Religion

\section*{GER}

3/A

Specialized study of a methodological approach to study of religion. Different topic each time offered.
3 hrs
3 cr .
III. Issues in Religion

REL 20400 - Religious Experience (W)
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

```

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western. prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 20500 - Faith and Disbelief (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr .
REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20700 - Religious Sources for Morality (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 20800 - Religion and Social Justice (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/B
An exploration into religious perspectives on such social issues as war, race, the economy and gender relations. prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{REL 20900 - Religion and Human Rights (W)}

\section*{Hunter Core}

Individual and Society - Humanities
GER
2/C
It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the \(20^{\text {th }}\) century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms-for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment - seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 21000 - Atheism (W)}

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 21100 - The Sacred Sky: Astrology in World Religions (W)}

GER
2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 30700 - Religious Ideas in Modern Literature (W)}
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Pluralism and Diversity
PD/D
GER
3/A

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Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 30800-Religion and the Arts (W)}
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Pluralism and Diversity
PD/D
GER
3/A

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Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered. prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 30900 - The Religious Meanings of Love and Sex (W)}
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Pluralism and Diversity
PD/D
GER
3/A
Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic
and religious realities
prereq: ENGL 12000
3 hrs
3cr.

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\section*{REL 31000 - The Religious Meanings of Death (W)}
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Pluralism and Diversity
PD/D
GER
3/A
Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3cr.

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REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
3/A

An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr .

REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and nonWestern traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr .
REL 31300 - Spirit and Nature (W)

\section*{Pluralism and Diversity}

PD/D
GER
3/A
An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31400-Religion and Sports (W)}

GER
3/A
A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in \(19^{\text {th }}\) century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31500 - The Problem of Evil (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

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Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31600 - Men and Religion (W)}

\section*{Pluralism and Diversity}

PD/C -or- PD/D
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars-both male and female--have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 31700-Religion and Film (W)}

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative - topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion.
prereq: ENGL 12000
3 hr.s
3 cr .

\section*{REL 31800 - Religion and Science (W)}

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 31900 - Religion and the Body (W)}

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 33400-Mysticism (W)}

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 33500 - Myth and Ritual (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

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Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis. prereq: ENGL 12000
3 hrs
3 cr .

REL 34000 - Homosexuality in World Religions (W)
```

Pluralism and Diversity
PD/C
GER
3/A
A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender. prereq: ENGL 12000
3 hrs
3 cr .

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REL 26100 - Special Topics: Issues in Religion

Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
\(3 c r\).
REL 36100 - Special Topics: Issues in Religion

GER
3/A
Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
\(3 c r\).
IV. Religious Traditions

Ancient Religions
REL 25200 - Ancient Near Eastern Religions (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A

\section*{GER}

2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25700 - Religions of Ancient Central and South America (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C
Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization .
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25800 - Religions of Ancient Europe (W)}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{CLA 30300-Religion of Ancient Greece (W)}

\section*{Pluralism and Diversity}

GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
prereq: ENGL 12000, CLA 10100 or 20100

3 hrs
3 cr .

\section*{CLA 30400 - Pagans and Christians (W)}

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .
HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

Asian Religions

\section*{REL 25100 - Asian Religions (W)}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr .
REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 32100 - Buddhism (W)}

Pluralism and Diversity
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr .

REL 33600-Zen (W)

Pluralism and Diversity
PD/A
GER
3/A

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds. prereq: ENGL 12000
3 hrs
3 cr .
PHILO 21900 - Chinese Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.
prereq: ENGL 10000 and one course in Philosophy
3 hrs
3 cr .

\section*{African, Afro-Caribbean and Afro-American Religions}

\section*{REL 25600 - Afro-Caribbean Religions (W)}
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Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

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An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 22000 - African Spirituality in the Diaspora}

Pluralism and Diversity
PD/A or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3 cr .

\section*{AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)}

Pluralism and Diversity
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

\section*{AFPRL 32300 - Islam and Christianity in Africa (W)}

\section*{GER}

3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

\section*{AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)}
```

Pluralism and Diversity
PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3cr.

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\section*{AFPRL 42000 - The Black Church and Social Change}

\section*{GER}

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .

\section*{Abrahamic Religions}

\section*{REL 25300 - Abrahamic Religions (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr .
REL 25500 - Religions of Two Gods (W)

Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{HEBR 24000 - Introduction to the Old Testament}
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Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

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Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

\section*{HEBR 25900 - Old Testament Religion}
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

\section*{HEBR 29200 - The Hebrew Prophets}
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr
HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr
HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B
The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

REL 33000-New Testament Religion (W)
```

Pluralism and Diversity
PD/D
GER
3/A
Scholarly consideration of religion of New Testament: the mystery of Jesus Christ, Paul's message, ethics, relation to the Law of Judaism, salvation theology, apocalyptic thinking.
prereq: ENGL 12000
3 hrs
cr.

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\section*{REL 32300 - Christianity (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
3 cr .

REL 33300 - Christian Theology (W)

Pluralism and Diversity
PD/D
GER
3/A

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{HIST 31400-Ancient and Medieval Christianity (W)}

Pluralism and Diversity
PD/D
GER
3/B
The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 31500 - Christianity in Modern Times

GER
3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.
3 hrs
3 cr.

\section*{HIST 31600-History of Religion in the United States}

\section*{GER}

3/B

Changing European churches and indigenous American sects; their architecture, leaders and ideas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{REL 32400 - Islam and Buddhism (W)}

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 32600 - Religious Meanings of the Qur'ān (W)}

\section*{GER}

3/A
This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" ('Ulüm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility
(especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
3 cr.

\section*{REL 33700 - Sufism (W)}

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Tribal Religions}

\section*{REL 25400 - Tribal Religions: From Australia to the Americas (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr .
Special Topics in Traditions

\section*{REL 26200 - Special Topics: Religious Traditions}

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.
3 hrs
3 cr .
REL 36200 - Special Topics: Religious Traditions

\section*{GER}

3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.

3 hrs
3 cr .

\section*{Independent Study}

\section*{REL 41000 - Independent Study in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.
May be taken a second or third time with another subject.
prereq: perm chair
hrs TBA
\(1-6 \mathrm{cr}\).

\section*{Honors}

To be eligible for honors classes a student must have the director's permission and at least a 3.5 GPA in the major and cumulatively. To qualify for departmental honors, a student must complete one of the honors courses with a grade of B or above, achieving a final GPA in Religion and cumulatively of at least 3.5.

\section*{REL 45000 - Honors Seminar in Religion}

Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.
prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director
3 hrs
3 cr .

\section*{REL 49000 - Honors Tutorial in Religion}

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.
prereq: perm chair
hrs TBA
3-6 cr.

\section*{Minor in Religion}

The Minor in Religion consists of four courses for a total of 12 credits.

The following two courses are required:

\section*{REL 11000 - Nature of Religion (W)}

Hunter Core
Individual and Society (Humanities) -I\&S H
GER

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.
REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (I\&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological. prereq: ENGL 12000
3 hrs
3 cr .
Also required for the Minor in Religion:
a) one course to be chosen from those listed under the category "Religious Traditions"; and
b) one course from the category "Issues in Religion" reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300 -level course.

\title{
Programs and Courses in Africana and Puerto Rican/Latino Studies
}

\section*{Africana and Puerto Rican/Latino Studies}

\section*{About the Department}

Department Description

\section*{Programs and Courses}

Programs and Courses in Africana and Puerto Rican/Latino Studies

\section*{Administration and Faculty}

Department Office:
1711 Hunter West
(212) 772-5035

Web site: http://www.hunter.cuny.edu/afprl
Department email: afprl@hunter.cuny.edu

\section*{Chair:}

\section*{Anthony Browne}

1711 Hunter West
(212) 772-5033
apbrowne@hunter.cuny.edu

\section*{Faculty}

Africana and Puerto Rican/Latino Studies

HEGIS Code: 2211

\section*{Undergraduate Major}

\section*{Africana and Puerto Rican/Latino Studies}

\section*{BA in Africana and Puerto Rican/Latino Studies}

Given the interdisciplinary organization of the department, students may elect to concentrate their program of study in the Africana sequence, Puerto Rican/Latino sequence or a combination of both with courses from social sciences and humanities offered by the department.

\section*{Hunter Core Requirements}

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:

Appendix I: Hunter Core Requirement

In the case of the Africana and Puerto Rican/Latino Studies, the courses that meet CCC are:
\begin{tabular}{lll} 
Courses & CUNY Common Core & Foundational or Major \\
AFPRL 20100 & World Culture and Global Issues (WCGI) & Major \\
AFPRL 20200 & World Culture and Global Issues (WCGI) & Major \\
AFPRL 20900 & World Culture and Global Issues (WCGI) & Major
\end{tabular}

Please note that no more than two courses from any one department will count for the CUNY Common Core.

\section*{Major}

The major consists of 30 credits. Courses to be taken are as follows:

6 credits from among

\section*{AFPRL 20100 - African History from Human Origins to 1600 CE}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

```

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr .

\section*{AFPRL 20200 - African History Since 1600 CE}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

```
Main currents of African history from 1600 CE to present
3 hrs
3 cr.

\section*{AFPRL 20300 - African American History I}

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr.

\section*{AFPRL 20400 - African American History II}

\section*{Pluralism and Diversity \\ PD/B \\ GER \\ 2/B}

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr.

\section*{AFPRL 20900 - Introduction to Caribbean History to 1900}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
cr.

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\section*{AFPRL 21000 - Introduction to Caribbean History: 1900 - Present}
```

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

```
Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{AFPRL 24100 - Puerto Rican History to 1897}

Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr .

\section*{AFPRL 24200 - Puerto Rican History Since 1898}

Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

\section*{3 credits from}

\section*{AFPRL 28100 - Fieldwork in African American/Latino Communities}

Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican/Latino communities.
Course open to Majors and Minors Only
3 hrs
3 cr. each

\section*{21 credits}
- Of which at least 12 must be taken at the 300 and/or 400 level. At least 3 credits must be taken in Puerto Rican/Latino studies if the student's concentration is in Africana studies and vice versa.

\section*{Minor in Africana and Puerto Rican/Latino Studies}

The Department of Africana \& Puerto Rican/Latino Studies offers a 12-credit minor that requires students to successfully complete two 100/200 level courses and two 300/400 level courses.

\section*{Honors}

The honors research course, AFPRL 49900, is open to AFPRL upper seniors who have a 3.5 GPA in the major with a 3.0 GPA overall and have completed at least 24 credits including three AFPRL 300/400 level courses. In order to receive an honors endorsement, a student must receive a final grade of at least B+. Students who do not meet the requirement for an honors endorsement but have passed the course, will receive three credits without honors. The research theme changes every academic year. The project is supervised by one full-time AFPRL faculty member but is read and graded by the supervisor and two additional AFPRL full-time faculty members.

\section*{Undergraduate Minor}

\section*{Minor in Africana \& Puerto Rican/Latino Studies}

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

\section*{The Africana \& Puerto Rican/Latino Studies Minor}

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

\section*{Africana and Puerto Rican/Latino Studies}

\section*{AFPRL 10000 - Introduction to Black Politics}

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/B
GER
2/B

General survey of politics of African world with major emphasis on politics in Black America.
3 hrs
3 cr

\section*{AFPRL 10100 - Introduction to Africana Studies}

Pluralism and Diversity
\(\mathrm{PD} / \mathrm{A}\) or B
GER
2/B

Introduction to the history and culture of Africa and the African diaspora.

3 hrs
3 cr .

\section*{AFPRL 10200 - Latino Communities in the United States}

Pluralism and Diversity
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr .

AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr .

\section*{AFPRL 14100 - Puerto Rican Folklore}
```

Pluralism and Diversity
PD/A or B
GER
2/C
Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.
3 hrs
3 cr .

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\section*{AFPRL 14300 - The Image of the Puerto Rican National Identity in Its Literature}
```

Pluralism and Diversity
PD/A
Analysis of literary works of Puerto Rican authors and their images of Puerto Rican society.
prereq: ENGL 12000 and reading knowledge of Spanish
3 hrs
3cr.
offered fall only

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\section*{AFPRL 20100 - African History from Human Origins to 1600 CE}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr .
AFPRL 20200 - African History Since 1600 CE

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Main currents of African history from 1600 CE to present
3 hrs
3 cr .

\section*{AFPRL 20300 - African American History I}
```

Pluralism and Diversity
PD/B
GER
2/B

```

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr .

\section*{AFPRL 20400 - African American History II}

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr .

\section*{AFPRL 20500 - African American Politics of Social Change}

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/B
GER
2/B

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr .

\section*{AFPRL 20600 - African Political and Social Change}

Pluralism and Diversity
PD/A
Introductory study of political and social change in Africa during the second half of the 20th century.
3 hrs
3 cr .

\section*{AFPRL 20700 - African Caribbean Politics I}

Pluralism and Diversity
PD/A
Examines political economy of slavery and colonialism and responses of Caribbean people from 1492 to political independence.
3 hrs
3 cr.

\section*{AFPRL 20800 - African Caribbean Politics II}
```

Pluralism and Diversity
PD/A
Begins with attainment of political independence by major Caribbean countries; focuses on nation building.
prereq: AFPRL }2070
3 hrs
3cr.

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\section*{AFPRL 20900 - Introduction to Caribbean History to 1900}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

```
Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 21000 - Introduction to Caribbean History: 1900 - Present}

\section*{Hunter Core}

World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 21100 - Black Economic History}
```

Survey of economic behavior of Black Americans since 1619, with African background.
3 hrs
3cr.

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\section*{AFPRL 22000 - African Spirituality in the Diaspora}

Pluralism and Diversity
\(\mathrm{PD} / \mathrm{A}\) or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in
dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3 cr .

\section*{AFPRL 22200 - African Civilization}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Introduction to study of African civilization.
3 hrs
3cr.
AFPRL 23500-African Literature (W)
Pluralism and Diversity
PD/A
GER
2/A
Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr .

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\section*{AFPRL 23600 - African American Literature (W)}
Pluralism and Diversity
PD/B
GER
2/A

Introduction to African American writing, from earliest expressions to present.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{AFPRL 23700 - African Caribbean Literature (W)}

Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)}
```

Hunter Core
English Composition (EC)
Pluralism and Diversity
PD/A or B
GER
2/A
Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

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prereq: ENGL 12000
3 hrs
3 cr

\section*{AFPRL 24100 - Puerto Rican History to 1897}

Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr .

\section*{AFPRL 24200 - Puerto Rican History Since 1898}

Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr .

\section*{AFPRL 24300 - Puerto Rican Culture}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

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General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.

3 hrs
3 cr .

\section*{AFPRL 24400 - Puerto Ricans in the United States}
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Pluralism and Diversity
PD/B
GER
2/B
Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr .

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\section*{AFPRL 24500 - Puerto Rican Literature I}
```

Pluralism and Diversity
PD/A
Analysis of the emergence and development of the various literary genres which surfaced during the 19th century in the
literature of Puerto Rico. Discussion and analysis of major 19th century Puerto Rican authors (Hostos, Tapia and Zeno
Gandia).
prereq: SPAN 20200 or equiv. or perm instr.
3 hrs
3cr.

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\section*{AFPRL 24600 - Puerto Rican Literature II}
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Pluralism and Diversity
PD/A
Discussion and analysis of the literary and cultural evolution of Puerto Rico viewed through the works of key 20th
century authors. Literary production from the 1960s onwards is emphasized.
prereq: SPAN 20200 or equiv. or perm instr.
3 hrs
cr.

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\section*{AFPRL 24700 - Puerto Ricans in the U.S. as a Literary Theme}

Analysis of literary texts dealing with Puerto Rican communities in U.S. and their migration experiences. prereq: ENGL 12000 and reading knowledge of Spanish
3 hrs
3 cr .

\section*{AFPRL 25500 - Puerto Rican/Latino Children in North American Schools}
```

Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.
3 hrs
3cr.

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AFPRL 26000 - Latinos and US Citizenship
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Hunter Core
Individual and Society
Pluralism and Diversity
PD/B
Study of the relationship of US Latinos to the institution of American citizenship through history and examination of
major issues today.
3 hrs
3cr.

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\section*{AFPRL 27000 - Economic History of Puerto Ricans}

Stages of change in economic structures and labor conditions among Puerto Ricans in Puerto Rico and the U.S. prereq: AFPRL 24200 or 24400
3 hrs
3 cr .

\section*{AFPRL 28100 - Fieldwork in African American/Latino Communities}

Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican/Latino communities.
Course open to Majors and Minors Only
3 hrs
3 cr. each

\section*{AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies}

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr .

\section*{AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)}

Pluralism and Diversity
PD/B
GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century. prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.
AFPRL 30600 - Modern African International Relations (W)

Pluralism and Diversity
PD/A
GER
3/B

Factors affecting relations among African states and between African and non-African states within international system.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr.

\section*{AFPRL 30700 - Contemporary African Politics (W)}

\section*{GER}

3/B

Study of post-independence nationalism, political systems, regional and inter-nation cooperation of African nations. prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr .
AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

GER
3/B

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 30900 - African-Americans and Africa (W)}

Pluralism and Diversity
PD/A or B
GER
3/B

Major evidence of Black American involvement and interest in Africa from 1775 to present.
prereq: AFPRL 20300 or 20400
3 hrs
3 cr.
AFPRL 31000 - Modern Nigeria (W)

GER
3/B

Detailed study of the historical development of modern Nigeria from the late 19th century to the present.
prereq: perm instr.
3 hrs
3 cr .

AFPRL 31300 - Slavery (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Historical overview of slavery from Africa to the Americas.
prereq: AFPRL 20300 or 20900 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 31800 - Women in Africa (W)}

Pluralism and Diversity
PD/C
GER
3/B

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
cross-listed WGSC 31800 (A Writing-intensive Course)
prereq: AFPRL 20200 or 22200 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 31900 - Women in the African Diaspora (W)}

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values. cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 32000 - African-Caribbean Culture (W)}

Pluralism and Diversity
PD/A or B
GER
3/A
Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
\(3 c r\).
AFPRL 32100-Caribbean Migration and New York City (W)
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Pluralism and Diversity
PD/A or B
GER
3/B
An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3cr

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\section*{AFPRL 33600 - African-American Women Writers (W)}

Pluralism and Diversity
PD/C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.
cross-listed WGS 33600 (W)
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 33700 - Caribbean Women Writers (W)}

\section*{GER}

3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

\section*{AFPRL 34200 - Political Nationalism in Puerto Rico (W)}

Pluralism and Diversity
PD/A
GER
3/B

Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.
prereq: AFPRL 24200 or perm instr.
3 hrs
3 cr .
AFPRL 35100-Major Puerto Rican Figures (W)

Pluralism and Diversity
PD/A or B
GER
3/B
Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr .

\section*{AFPRL 35200 - Power Structure in Puerto Rico (W)}

GER
3/B
Social analysis of class divisions, role of the economy and the United States presence in Puerto Rico.
prereq: AFPRL 24300 or 27000
3 hrs
3 cr .

\section*{AFPRL 35500-The African Image in 19th and 20th century Spanish Antillean Poetry (W)}
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Pluralism and Diversity
PD/A
GER
3/A

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The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.
prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish
3 hrs
3 cr.

\section*{AFPRL 35600 - Latino Literature in English (W)}

\section*{Pluralism and Diversity \\ PD/B \\ GER \\ 3/A}

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr .

\section*{AFPRL 36000 - Politics in Puerto Rico (W)}

GER
3/B
Analysis of the political status issue, development of political parties, national leadership and participation.
prereq: AFPRL 24200 or 34200 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)}
```

Pluralism and Diversity
PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.
prereq: AFPRL 14100 or 24300
3 hrs
3cr.

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\section*{AFPRL 38400 - Poverty in Society (W)}

\section*{GER}

3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr .

\section*{AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)}

\section*{Pluralism and Diversity \\ PD/B \\ GER \\ 3/B}

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr .
AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

GER
3/A or B

Topics change according to instructor.
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only.
3 hrs
3 cr.

\section*{AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: \\ Social Science}
```

Pluralism and Diversity
PD/B
GER
3/A or B
Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
3 cr.

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\section*{AFPRL 42863 - Afro-Latino Culture and History}

Pluralism and Diversity
PD/A
GER
3/A

3 hrs
3 cr.

AFPRL 44500 - Caribbean Short Story in Spanish: Readings and Theories

GER
3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.
prereq or coreq: SPAN 20800
3 hrs
3 cr .

AFPRL 49900 - Honors

Individual research and 30 page honors essay based on assigned theme under supervision of a full-time AFPRL faculty member.
prereq: completion of 24 AFPRL credits including three 300/400 level courses; only open to AFPRL upper seniors with 3.5 major GPA and 3.0 cumulative GPA.

3 hrs
3 cr

\section*{Africana and Puerto Rican/Latino Studies: Courses Less Frequently Offered}

Hunter Core
Individual and Society (Social Sciences) -I\&S SS

\section*{AFPRL 18200 - Culture and Ethnic Identity}

Hunter Core
World Culture and Global Issues (WCGI)

\section*{AFPRL 24800-Caribbean Spanish \\ AFPRL 27600 - The Puerto Rican Family \\ AFPRL 31400 - Blacks in Labor and Politics (W) \\ GER \\ 3/B}

Black labor from emancipation to present. Emphasis on period between New Deal and present.
prereq: AFPRL 20400 or 20500 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)}
```

Pluralism and Diversity
PD/A
GER
3/A
Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3cr.
offered every other sem.

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\section*{AFPRL 32300 - Islam and Christianity in Africa (W)}

\section*{GER}

3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 32400 - African-American Ethnohistory (W)}

Ethnohistorical survey of development of Black culture in the diaspora; reinterpretation of African forms in Western European environment.
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prereq: AFPRL 22000 or perm instr.
3 hrs
3cr.
AFPRL 33000 - Autobiography as a Theme in Black Literature (W)
GER
3/A
Treatment of autobiographical works of Black authors in U.S., Caribbean and Africa during 19th and 20th centuries. prereq: AFPRL 23600 or perm instr
3 hrs
3cr.

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AFPRL 37000 - Sociolinguistic Fieldwork in Black and Puerto Rican/Latino Speech Communities (W)

GER
3/B
Sociolinguistic theory applied to linguistic varieties spoken in African American, African- Caribbean, Puerto Rican and other Latino communities.
prereq: AFPRL 18100 or ANTHC 15100
3 hrs
3 cr .

\section*{AFPRL 40100 - Pan-Africanism}

GER
3/B
Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.
prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr .

\section*{AFPRL 40200 - African American Political Thought}

GER
3/B
Comparative theorists; methods and ideological currents.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr .
AFPRL 40300 - Development Strategies in the African-Caribbean

GER
3/B

Analysis of developmental strategies used by Caribbean nations after independence.
prereq: AFPRL 20700 or 20800 or 20900 or 21000 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 42000 - The Black Church and Social Change}

\section*{GER}

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .

\section*{AFPRL 44200 - History of Puerto Rican Labor Movements}

\section*{GER}

3/B
Historical development of Puerto Rican working class, its movements and organizations from 19th century to present. prereq: AFPRL 24200 or 27000
3 hrs
3 cr .

\section*{Swahili}

\section*{SWA 10100-Swahili I}

Introduction to Swahili, pronunciation and elements of grammar.
SWA 101 is usually not credited without completing SWA 102. For details about credit policy, please see Appendix
II: Foreign Language Requirement.
3 hrs
\(3 c r\).

\section*{SWA 10200 - Swahili II}

Introduction to Swahili, pronunciation and elements of grammar.
Each credit for SWA 10100 is not given until SWA 10200 completed
3 hrs
3 cr .
SWA 20100-Swahili III

Grammar review, composition oral practice.
prereq: SWA 10200 or demonstrated competence in speaking and writing

3 hrs
3 cr .

\section*{SWA 20200-Swahili IV}

Review of morphology and syntax original composition, intensive oral practice.
prereq: SWA 20100 or demonstrated competence as a native speaker
3 hrs
3 cr .

\section*{Yoruba}

\section*{YOR 10100 - Yoruba I}

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria.
Each credit for YOR 10100 is not given until YOR 10200 is completed
3 hrs
3 cr. each

\section*{YOR 10200 - Yoruba II}

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria.
Each credit for YOR 10100 is not given until YOR 10200 is completed
3 hrs
3 cr. each

\section*{YOR 20100 - Yoruba III}

Writing and reading of Yoruba language, including study of grammar and syntax.
prereq: YOR 10200 or demonstrated competence in speaking and writing
3 hrs
3 cr .

YOR 20200 - Yoruba IV

Intensive writing and reading of Yoruba language and continuation of study of grammar and syntax.
prereq: YOR 20100 or demonstrated competence as a native speaker
3 hrs
3 cr .

\section*{Programs and Courses in Anthropology}

\section*{Anthropology}

\section*{About the Department}

\section*{Department Description}

Programs and Courses

Programs and Courses in Anthropology

\section*{Administration and Faculty}

Department Office:
722 North
(212) 772-5410

Web site: http://hunter.cuny.edu/anthropology

\section*{Chair:}

Jonathan Shannon
713 North
(212) 772-5452
jshanno@hunter.cuny.edu
Undergraduate Adviser:

\section*{Jessica Rothman}

726 North
(212) 772-4064
jessica.rothman@hunter.cuny.edu

\section*{Faculty}

Anthropology Faculty
HEGIS Code: 2202

\section*{Undergraduate Major}

\section*{Anthropology - BA}

\section*{BA in Anthropology}

The anthropology major is designed to give students an overview of the discipline, as well as training in all four fields of the subject (archaeology, cultural anthropology and ethnology, anthropological linguistics and biological anthropology). The anthropology major consists of 25 credits [see table below]. To declare a major in anthropology, the student must have completed at least one course in anthropology with a C grade or better. In order to graduate with a major in anthropology, students must earn a C grade or better in all required courses and electives counted toward the major (effective for students declaring the major after September 1, 2007

\section*{Foundational Courses}

Students with no prior background in this academic field will need one 3 credit Foundational Course. This course must be be completed before embarking upon the major. Students will appropriate background may be exempted from some or all Foundational Courses. See department for proper placesment.

\section*{ANTHC 10100 - Introduction to Cultural Anthropology}
```

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

```

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr .
offered every sem.

\section*{Hunter Core Requirement}

Note: Several courses leading to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

In the case of the anthropology major, the courses that meet CCC are:
\begin{tabular}{lll} 
Course & CUNY Common Core & Foundational or Major \\
ANTHP 10100 (STEM)Life and Physical Sciences & Major \\
ANTHC 10100 & Individual and Society (SS) & Foundational \\
ANTHC 15100 & World Culture/Global Issues & Major \\
\begin{tabular}{ll} 
ANTHP 10200 \\
(STEM)
\end{tabular} & Scientific World & Major \\
ANTHP 10500 & Life and Physical Sciences & Major \\
ANTHC 12600 & World Culture/Global Issues & Major
\end{tabular}

Please note that no more than two courses from any one department will count for the CUNY Common Core.

\section*{Credits required for the major 25-28}

Foundational Course (for students without background in the field) \(=\mathbf{3} \mathbf{c r}\).
\begin{tabular}{lc} 
Linguistics & \((3 \mathrm{cr})\). \\
Archaeology & \((3 \mathrm{cr})\). \\
Research Design & \((3 \mathrm{cr})\) \\
History of Anthr. Theory & \((3 \mathrm{cr})\). \\
Electives & \((9 \mathrm{cr})\).
\end{tabular}

Total for students without background in the field
\(=28 \mathrm{cr}\).
Major 25 cr.
Major Requirements

Biological Anthropology: Human Evolution or Human Variation (4 cr.)

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E}

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.
Linguistics: Intro to Linguistics (3 cr.)

\section*{ANTHC 15100 - Introduction to Linguistics}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B}

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .
Archaeology: Intro to Prehistoric Archaeology (3 cr.)

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
GER

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.
Research Design (3 cr.)

\section*{ANTHC 31400 - Research Design in Anthropology}

Pluralism and Diversity
GER 3/B
Introduction to basic principles of research design employed in anthropology.
prereq: ANTHC 10100
3 hrs
3 cr.
History of Anthropological Theory (3 cr.)

\section*{ANTHC 31800 - History of Anthropological Theory}

Pluralism and Diversity
PD/D
GER
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{Elective courses (9 cr.)}
(selected from above fields)

\section*{Total credits 25}

\section*{Minor in Anthropology}

There are two new rules about the minor. First, the minor department controls the minor. Second, the minor is no longer a degree requirement.

\section*{General Anthropology}

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present. The minor consists of four courses for a total of 13
credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

The minor includes the following three required courses:

\section*{ANTHC 10100 - Introduction to Cultural Anthropology}
```

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

```

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}
```

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

\section*{ANTHC 15100 - Introduction to Linguistics}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B}

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .

Plus one additional course selected from the following two options:

\section*{ANTHP 10100 (STEM) - Human Evolution}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E
}

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

\section*{Minor in Linguistic Anthropology}

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies. The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate adviser. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

\section*{ANTHC 15100 - Introduction to Linguistics}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B}

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .

\section*{ANTHC 35100 - Language in Culture and Society}

GER
3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

\section*{ANTHC 40100 - Seminars in Selected Topics}

Topics TBA.

\section*{Minor in Anthropological Archaeology}

The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective. The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor. Only one non-ANTHC course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor.

\section*{ANTHC courses:}

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B
}

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 12700 - Methods In Archaeological Science}
```

Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
cr.

```

\section*{ANTHC 34600 - Analytic Methods in Archaeology}

\section*{GER}

3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys.
prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr .

Non-ANTHC courses

\section*{ANTHP 10100 (STEM) - Human Evolution}

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

\title{
CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/C \\ Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000 \\ 3 hrs \\ 3 cr .
}

\section*{GEOG 10100-People and Their Environment}

\author{
Hunter Core \\ Individual and Society - Social Science \\ GER \\ 2/B
}

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.
```

3 hrs
3 cr.
offered fall and spring.

```

\section*{GEOL 10000 - Introductory to Geology}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr .
Offered fall and spring.

The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that may be approved by the departmental undergraduate adviser. In order to graduate with a Cultural Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

\section*{ANTHC 10100 - Introduction to Cultural Anthropology}

\author{
Hunter Core \\ Individual and Society (Social Sciences) -I\&S SS \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/B
}

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr.
offered every sem.

\section*{ANTHC 21500 - The Anthropology of Black America (W)}

\section*{Pluralism and Diversity}

PD/B
GER
3/B

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ANTHC 27500-Reading Ethnographies (W)}

GER
3/B
Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

\section*{ANTHC 30100-Gender in Anthropological Perspective}

\section*{Pluralism and Diversity}

PD/C
GER

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

\section*{ANTHC 30900 - Countryside and City: Comparative Perspectives}

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 31000 - Politics and Power in Anthropological Perspective}

\section*{Pluralism and Diversity}

PD/A
GER
3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 31800-History of Anthropological Theory}

Pluralism and Diversity
PD/D
GER
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .
ANTHC 32000-Problems in Anthropology

\section*{GER}

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet \(\mathrm{PD} / \mathrm{A}, \mathrm{B}\), or C .
prereq: perm instr.
3 hrs

3 cr.
offered every sem.

\section*{ANTHC 32200 - Family and Household in Anthropology and History}

\section*{Pluralism and Diversity \\ PD/C \\ GER \\ 3/B}

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100
3 hrs
3 cr .

\section*{ANTHC 35100 - Language in Culture and Society}

\section*{GER}

3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

\section*{ANTHC 40000 - Honors Projects}
prereq: perm chair
offered every sem.

\section*{Minor in Physical Anthropology}

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology. The Minor consists of a minimum of 12 credits. These must include ANTHP 10100 (STEM) - Human Evolution (4 Cr). The remaining credits can be filled by any ANTHP courses. Also, one (and only one) non-ANTHP course from the following list may count towards the minor. In order to graduate with a Physical Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Required course for the minor

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
```

4 cr.
offered every sem.

```

\section*{ANTHP 30100 - Human Fossil Record}
```

Pluralism and Diversity
PD/C
GER
3/B

```

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record. prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

\section*{ANTHP 30200 - Human Genetics}

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 31000 - Primate Ecology and Behavior}

GER
3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species. prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr .

\section*{ANTHP 31100 - Primate Evolution}

\section*{GER}

3/B
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHP 31200 - Primate Evolutionary Genetics}

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.

3 hrs
3 cr .

\section*{ANTHP 31600 - Human Evolutionary Adaptations}

GER
3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 40100 - Seminars in Selected Topics}

Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr .
Non-ANTHP courses

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{GEOL 10000 - Introductory to Geology}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

\section*{PSYCH 16000 - Evolution and Behavior}

\section*{GER}

2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr.

\section*{Honors Work}

Honors work is possible in each of the major branches of anthropology. The emphasis is on independent student research under the supervision of a faculty member. In order to graduate with departmental honors in anthropology, a student must: (1) have taken at least 2 credits of ANTHC 40000; (2) have a GPA in the major of not less than 3.5 and a cumulative GPA of not less than 2.8 at the time of graduation; and (3) complete a departmental honors form available from the departmental undergraduate adviser.
(available to students in each of the four fields of anthropology) Open to qualified juniors and seniors every semester. Research under supervision of a faculty member. From 2 to 3 credits per semester, depending on the nature of the student's work. May be taken for 1 , 2, or 3 semesters for a maximum of 6 credits. To apply, students must (1) present a research plan prepared in conjunction with a faculty member; (2) have this plan approved by the undergraduate adviser and the department chair; and (3) obtain approval prior to preregistration.

\section*{Interdepartmental Fields}

Students who want to do work in anthropology as part of an interdepartmental field, such as Africana and Puerto Rican/Latino studies, Latin American and Caribbean studies, religion, urban affairs and planning, or women and gender studies, should refer to descriptions under the department or field of their interest.

\section*{Undergraduate Major/Graduate Major}

\section*{Anthropology - BA/MA}

A special feature of the Hunter Anthropology Department is the innovative BA/MA program, designed to permit a small number of highly motivated students to begin graduate study before completing their undergraduate degrees. The program allows students to pursue the MA degree as part of the undergraduate curriculum by substituting graduate courses for electives in their degree programs. Participants fulfill all the requirements for the BA and MA degrees in anthropology. The total number of credits taken by the student is 130 . At least 30 must be graduate credits (the same number of course credits required of a student admitted as a matriculated graduate student with a BA in hand). Graduate courses may fulfill undergraduate major requirements with the exception of. Applicants to the BA/MA program must have a minimum GPA of 3.25 and a minimum of 3.5 in their anthropology courses. Students must apply to the program early in their academic careers, usually before beginning the junior year.

Please note: This program is suspended. It is not currently admitting new students. For further information, please contact the department at (212) 772-5410.

\section*{Undergraduate Minor}

\section*{Minor in Anthropological Archaeology}

\begin{abstract}
The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective. The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor. Only one non-AN-C course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor
\end{abstract}

\section*{Courses for the Minor}
```

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 12700 - Methods In Archaeological Science}
```

Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3cr.

```

\section*{ANTHC 22600-Archaeology of Africa}

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 23200 - Archaeology of South America and the Caribbean}

\section*{GER}

3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 32000 - Problems in Anthropology}

\section*{GER}

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B , or C .
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 32600-Rise of Old and New World Civilizations}

\section*{GER}

3/B

Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 32700 - Prehistoric Cultural Ecology}

\section*{GER}

3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr .

\section*{ANTHC 34600 - Analytic Methods in Archaeology}

GER
3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys. prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr .

\section*{ANTHC 42600 - Seminar in Archaeological Field Methods}

\section*{Pluralism and Diversity}

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

Non ANTHC Courses:

\section*{ANTHP 10100 (STEM) - Human Evolution}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E
}

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

\section*{CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr.

\section*{GEOG 10100 - People and Their Environment}

\author{
Hunter Core \\ Individual and Society - Social Science \\ GER \\ 2/B
}

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

> 3 hrs
> 3 cr .
> offered fall and spring.

\section*{GEOL 10000 - Introductory to Geology}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr .
Offered fall and spring.

\section*{Minor in Anthropology}

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present. The minor consists of four courses for a total of 13 credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

\section*{The minor includes the following three required courses:}

\section*{ANTHC 10100 - Introduction to Cultural Anthropology}

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr.
offered every sem.

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}
```

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

```

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 15100 - Introduction to Linguistics}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B}

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr .

\section*{Plus one additional course selected from the following two options:}

\section*{ANTHP 10100 (STEM) - Human Evolution}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E
}

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr .
offered every sem.

\section*{Minor in Cultural Anthropology}

The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that may be approved by the departmental undergraduate advisor. In order to graduate with a Cultural Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Courses (12 cr.):

\section*{ANTHC 10100 - Introduction to Cultural Anthropology}

\author{
Hunter Core \\ Individual and Society (Social Sciences) -I\&S SS \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/B
}

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr.
offered every sem.

\section*{ANTHC 20100 - The Middle East: Societies and Cultures}

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
3 hrs
3 cr .

\section*{ANTHC 21400 - The Caribbean: Societies and Cultures}
```

Pluralism and Diversity
PD/A
GER
3/B
Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3rs
3cr.

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\section*{ANTHC 21500 - The Anthropology of Black America (W)}
```

Pluralism and Diversity
PD/B
GER
3/B

```

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ANTHC 27500-Reading Ethnographies (W)}

\section*{GER}

3/B

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

\section*{ANTHC 30100-Gender in Anthropological Perspective}

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.

3 hrs
\(3 c r\).

\section*{ANTHC 30700 - Anthropology of Religion}
```

Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3cr.

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\section*{ANTHC 30900 - Countryside and City: Comparative Perspectives}

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 31000 - Politics and Power in Anthropological Perspective}

Pluralism and Diversity
PD/A
GER
3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 31100 - Anthropology of Art}

Pluralism and Diversity
GER 3/B
Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.
3 hrs
3 cr .

\section*{ANTHC 31200-Anthropological Approaches to Sexuality}

Pluralism and Diversity
PD/C
GER
3/B

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and
over recent history, including the development of sexually defined communities and identities within contemporary societies.
prereq: ANTHC 10100
3 hrs
3 cr .

\section*{ANTHC 31500-Applied Anthropology}

GER
3/B`

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.
prereq: ANTHC 10100 or perm instr.
3 hrs
\(3 c r\).

\section*{ANTHC 31800 - History of Anthropological Theory}

\section*{Pluralism and Diversity}

PD/D
GER
3/B
Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 32000-Problems in Anthropology}

\section*{GER}

3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet \(\mathrm{PD} / \mathrm{A}, \mathrm{B}\), or C .
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

\section*{ANTHC 32200 - Family and Household in Anthropology and History}

\section*{Pluralism and Diversity}

PD/C
GER
3/B
Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100

3 hrs
3 cr .

\section*{ANTHC 32500-Special Projects and Independent Research in Anthropology}

GER
3/B
prereq: perm instr.
3 hrs
3 cr .
offered every sem.

\section*{ANTHC 35100 - Language in Culture and Society}

GER
3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .
ANTHC 40000 - Honors Projects
prereq: perm chair
offered every sem.

\section*{ANTHC 40100 - Seminars in Selected Topics}

Topics TBA.

\section*{Minor in Linguistic Anthropology}

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies.

\section*{Minor in Linguistic Anthropology}

The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate advisor. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Choose from courses below:
ANTHC 15100 - Introduction to Linguistics
```

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

```

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

\section*{ANTHC 32000 - Problems in Anthropology}

GER
3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet \(\mathrm{PD} / \mathrm{A}, \mathrm{B}\), or C .
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 35100 - Language in Culture and Society}

\section*{GER}

3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr.

\section*{ANTHC 35400-Grammatical Analysis and Theory}

GER
3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .
ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

\section*{Minor in Middle East Studies}

The Minor in Middle East Studies seeks to develop students' understanding of the complex and interconnected political, economic, cultural, environmental, linguistic, historical, and religious issues in the region by fostering critical, interdisciplinary and global approaches to the study of the Middle East and its diasporas.

To this end, the Minor in Middle East Studies (MMES) requires completion of a minimum of 12 credits ( 4 courses). In addition, students are encouraged to fulfill the college language requirement through study of a regional language. However, there is no language requirement for the MMES.

No grade below B- shall be considered to fulfill these requirements.

\section*{Admission to the Minor}

Students who have completed at least 3 credits of relevant coursework in Middle East Studies (including regional languages) with an average GPA of 3.0 may apply for admission to the Minor. To declare the Minor, students will complete the Minor Declaration form and meet with the Director. For advising purposes students are encouraged to apply early in their academic careers. Any Middle East Studies related courses taken prior to declaring the Minor shall count toward the 12 credit minimum for the Minor in Middle East Studies.

Credits earned toward the Minor in Middle East Studies shall not also count toward the fulfillment of Major or other Minor requirements.

\section*{Introductory survey course: 3 cr}

All students will take one survey course in Middle East Studies chosen from among the following, or another general survey course subject to approval by the Director:

\section*{ANTHC 20100 - The Middle East: Societies and Cultures}

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
3 hrs
3 cr.

\section*{HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800}

\section*{Pluralism and Diversity PD/A \\ Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century. Courses at the 300 -level and above not offered to freshmen. \\ 3 hrs \\ 3 cr .}

HIST 27651 - The Modern Middle East from 1800 to the Present

Pluralism and Diversity
PD/A

The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

\section*{MUSHL 24300 - Music of the Middle East}

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
3 hrs
3 cr

\section*{POLSC 26300 - Government and Politics in the Middle East (W)}

\section*{Pluralism and Diversity}

PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).
Additional courses may be developed to fulfill this requirement

\section*{Electives: 9 cr}

In addition, students will take a minimum of 9 credits in electives, and must choose at least one class focusing on the Middle East from each of the following three areas of concentration:
I) Historical Formations
II) Society and Politics
III) Arts, Literatures, and Cultures

Students may petition for other courses to fulfill the elective requirement.
Click here for a list of currently offered courses that meet these requirements:
List of Selected Approved Courses for the Minor in Middle East Studies
Students may fulfill 3 of the 9 credit hour elective requirement with advanced language and literature classes (3rd year and beyond), for Area of Concentration III) Arts, Literatures and Cultures. With the approval of the Director, students may take an independent study and one course from outside Hunter College to satisfy the requirements for the Minor.

\section*{Minor in Physical Anthropology}

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology. The Minor consists of a minimum of 12 credits. These must include ANTHP 101 Human Evolution (4 Cr). The remaining credits can be filled by any AN-P courses. Also, one (and only one) nonANTHP course from the following list may count towards the minor. In order to graduate with a Physical Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

\section*{Required course for the Minor:}

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

\section*{8 or more credits from any of the following courses:}

Note: Only one non-ANTHP may be used for the Physical Anthropology Minor.

\section*{ANTHP 30100 - Human Fossil Record}

\section*{Pluralism and Diversity}

PD/C
GER
3/B
The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

\section*{ANTHP 30200 - Human Genetics}

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 31000 - Primate Ecology and Behavior}

\section*{GER}

3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species. prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr .

\section*{ANTHP 31100 - Primate Evolution}

\section*{GER}

3/B
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHP 31200 - Primate Evolutionary Genetics}

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
\(3 c r\).

\section*{ANTHP 31600 - Human Evolutionary Adaptations}

GER
3/B
How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 40100 - Seminars in Selected Topics}

Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr .
Non ANTHP Courses:

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)

GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ PD/C or D \\ GER \\ 2/E
}

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{GEOL 10000 - Introductory to Geology}

\section*{Hunter Core}

Scientific World (SW)

\section*{GER}

2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)

\section*{3 cr.}

Offered fall and spring.

\section*{PSYCH 16000 - Evolution and Behavior}

\section*{GER}

2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{Other Programs}

\title{
List of Selected Approved Courses for the Minor in Middle East Studies
}
(subject to Modification)

\section*{Area I: Historical Formations}

\section*{Anthropology}

\section*{ANTHC 22800 - Archaeology of the Near East to 2000 BC}

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
Classics
CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 22700 - Archaeology of Eastern Mediterranean (W)}
```

Pluralism and Diversity
PD/A
GER
3/A
Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

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\section*{CLA 32200 - Archaeology of Mesopotamia and Iran (W)}

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 32300 - Archaeology of Anatolia (W)}

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .
Hebrew

HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr

\section*{History}

\section*{HIST 21000 - History of Judaism}

\section*{GER}

2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
\(3 c r\).

\section*{HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800}
```

Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the
Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.

```

\section*{HIST 27651 - The Modern Middle East from 1800 to the Present}

\section*{Pluralism and Diversity \\ PD/A}

The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 37300 - History of the Ottoman Empire (W)

Pluralism and Diversity
PD/A
GER
3/B
This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the \(12^{\text {th }}\)-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{Area II: Society and Politics}

\section*{Anthropology}

\section*{ANTHC 20100 - The Middle East: Societies and Cultures}
```

Pluralism and Diversity
PD/A
GER
3/B

```

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3 cr .
ANTHC 401.78 Ethnology of the Middle East
ANTHC 400 Ethnographies of the Middle East

\section*{Hebrew}

\section*{HEBR 25900 - Old Testament Religion}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

\section*{Political Science}

\section*{POLSC 26300 - Government and Politics in the Middle East (W)}

Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 26400 - Government and Politics of Israel (W)}

\section*{GER}

3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
Religion

\section*{REL 25200 - Ancient Near Eastern Religions (W)}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

```

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr .

\section*{REL 25300 - Abrahamic Religions (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.
REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000

3 hrs
3 cr .

\section*{REL 32400 - Islam and Buddhism (W)}
```

Pluralism and Diversity
PD/A
GER
3/A

```

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr .
REL 33700 - Sufism (W)

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Sociology}

\section*{SOC 36200 - Sociology of Islam (W)}

\section*{GER}

3/B
Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
3 cr .

\section*{Area III: Arts, Literatures and Cultures}

\section*{Arabic}

\section*{ARB 20000 - Topics in Arabic Literature and Culture}

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq: ENGL 12000 or equivalent
3 hrs .
3 cr .

\section*{ARB 25000 - The Arab Novel (in translation) (W)}
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Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

```

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

\section*{ARB 25100 - Arab Cinema (in translation)}
```

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

```

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25200 - Literatures from the Islamic World (W)}
```

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

```
A survey of literary genres and themes from the Islamic World from the 7 th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25300 - Literatures and Cultures of Muslim Spain (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)

\section*{Pluralism and Diversity}

PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25400 - The Arabian Nights East and West (W)}

\author{
Hunter Core \\ Creative Expression (CE) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/C
}

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

\section*{ARB 25500 - Modern Palestinian Culture}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)

\section*{Pluralism and Diversity}

PD/A
War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

\section*{ARB 30000 - Problems in Arabic Literature and Culture}

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051,
GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL \(33700 W\) OR SOC 36200 W .
3 hours
3 credits

\section*{Art History}

\section*{ARTH 20500 - Egyptian Art}
```

Pluralism and Diversity
PD/A
GER
3/A

```

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.
prereq: ARTH 11100
prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.
3 hrs
\(3 c r\).

\section*{ARTH 26000 - Islamic Art and Architecture}
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Pluralism and Diversity
PD/A
GER
3/A

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Introduction to the art and architecture of Islamic lands (7th to 19th century).
prereq: ARTH 11100
3 hrs
3 cr .

\section*{Hebrew (partial listing)}

\section*{HEBR 21000 - Selected Studies in Hebrew Literature in Translation}

\author{
Pluralism and Diversity \\ PD/C (HEBR 21060 only) \\ Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department. \\ 3 hrs \\ 3 cr .
}

\section*{HEBR 22000 - Israeli Cinema}

Pluralism and Diversity
PD/A
GER
3/A
Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain
fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

\section*{HEBR 22100 - Modern Israeli Culture}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

\section*{HEBR 31000 - Modern Hebrew Literature I}

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
\(3 c r\)

\section*{HEBR 31100 - Modern Hebrew Literature II}

GER
3/A
Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31500 - Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A
GER
3/A
Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

\section*{HEBR 32000 - The Modern Hebrew Short Story}

\section*{GER}

3/A

Extensive reading of short stories from late 19 th century to present, illustrating different literary trends. prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32400-The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32500 - History of Modern Hebrew Literature

GER
3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

\section*{HEBR 32700 - The Modern Hebrew Novel}

\section*{GER}

3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32800 - Contemporary Hebrew Prose

\section*{GER}

3/A

Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A. Applefeld and A. B. Yehoshua. prereq: HEBR 20200 or equiv.
3 hrs
3 cr
Music

MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
3 hrs
3 cr

\section*{Other Courses}

Students may petition for other courses to fulfill the elective requirement. No more than two classes from other campuses or universities may be used to fulfill MMES requirements.

\section*{Anthropology: Archaeology}

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER
}

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

\section*{ANTHC 12700 - Methods In Archaeological Science}

\section*{Hunter Core}

SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 22600 - Archaeology of Africa}

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 22700-Archaeology of Europe}

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

\section*{ANTHC 22800 - Archaeology of the Near East to 2000 BC}

\section*{Pluralism and Diversity}

PD/A
GER
3/B
Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 23000 - Prehistory of North American Indians}

\section*{GER}

3/B

Examination of adaptation and change in prehistoric cultural systems, employing archaeological and ethnohistorical sources.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 23100 - Archaeology of Mesoamerica}

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 23200 - Archaeology of South America and the Caribbean}

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .
ANTHC 32600 - Rise of Old and New World Civilizations

GER
3/B
Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 32700-Prehistoric Cultural Ecology}

GER
3/B
Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr .

\section*{ANTHC 34600-Analytic Methods in Archaeology}

\section*{GER}

3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys. prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr .

\section*{ANTHC 42600 - Seminar in Archaeological Field Methods}

\section*{Pluralism and Diversity}

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{Anthropology: Biological Anthropology, Genetics and Paleontology}

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

\section*{ANTHP 10500-The Human Species}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
GER
2/E
In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of
scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution
3 hrs
3 cr .

\section*{ANTHP 21000 - Biology of the Living Primates}

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective.
3 hrs
3 cr .

\section*{ANTHP 21400 - Theory of Evolution}

History of and major debates in evolutionary theory, with particular emphasis on human evolution.
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

\section*{ANTHP 30100 - Human Fossil Record}

\section*{Pluralism and Diversity}

PD/C
GER
3/B
The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .

\section*{ANTHP 30200 - Human Genetics}

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr.

\section*{ANTHP 30500 - Evolution of the Human Skeleton}

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are
expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
3 hrs .
3 cr.

\section*{ANTHP 30600 - Human Anatomy}

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or
ANTHP 10500 (The Human Species) or BIOL102 (Principles of Biology 2) or
BIOL 12200 (Anatomy \& Physiology 2).
3 hrs.
3 cr .

\section*{ANTHP 31000 - Primate Ecology and Behavior}

\section*{GER}

3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species.
prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr .

\section*{ANTHP 31100 - Primate Evolution}

\section*{GER}

3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHP 31200 - Primate Evolutionary Genetics}

\begin{abstract}
Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
\end{abstract}
```

prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP }1050
3 hrs
3 cr.

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\section*{ANTHP 31600 - Human Evolutionary Adaptations}

GER
3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 31800 - Primate Nutritional Ecology}

This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates
3 hrs.
3 cr .

\section*{ANTHP 40100 - Seminars in Selected Topics}

Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr.

\section*{Anthropology: Human Biology}

HMBIO 40100 - Human Biology Senior Capstone

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points. prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.
3 hrs
3 cr.

HMBIO 40200 - Independent Study

Research project directed by a Human Biology Program participating faculty member.
prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1-3 hrs
\(1-3 \mathrm{cr}\).

\section*{HMBIO 40300 - Internship}

Opportunity to participate in an internship in institutions related to the Human Biology major. prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1-3 hrs
1-3cr.

\section*{Anthropology: Cultural Anthropology and Ethnology}

\section*{ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)}
```

Hunter Core
US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.
prereq: ENGL 12000
3 hrs
3cr.

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\section*{ANTHC 10100 - Introduction to Cultural Anthropology}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B
Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 20000 - Africa: Societies and Cultures}

\section*{Pluralism and Diversity}

PD/A
GER
3/B
Pre-colonial, colonial and contemporary communities, subsistence and exchange systems and ecological adaptations. 3 hrs
3 cr .

\section*{ANTHC 20100 - The Middle East: Societies and Cultures}
```

Pluralism and Diversity
PD/A
GER
3/B
Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3cr.

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\section*{ANTHC 20400 - East Asia: Societies and Cultures}

Pluralism and Diversity
PD/A
GER
3/B

Historical and regional variation in various East Asian societies, with a focus on political economy, family, kinship, community and national minorities.
3 hrs
3 cr .

\section*{ANTHC 21100 - Native North America: Societies and Cultures}

Pluralism and Diversity
PD/A or B
GER
3/B

Adaptive strategies and cultural variations in pre and post-contact periods; problems in contemporary societies. 3 hrs
3 cr .

\section*{ANTHC 21300 - Latin America: Societies and Cultures}

Pluralism and Diversity
PD/A
GER
3/B

Development and organization of tropical forest Indians, hacienda and plantation economies, peasant and urban societies.
3 hrs
3 cr .

\section*{ANTHC 21400 - The Caribbean: Societies and Cultures}

Pluralism and Diversity
PD/A
GER

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3 hrs
3 cr.

\section*{ANTHC 21500 - The Anthropology of Black America (W)}

\author{
Pluralism and Diversity \\ PD/B \\ GER \\ 3/B
}

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{ANTHC 21800 - The Anthropology of the Civil Rights Movement in the U.S.}
```

Pluralism and Diversity
PD/B
GER
3/B

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This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.
```

prereq: ANTHC 10100 or departmental permission
prereq or coreq: ENG 120
3 hours
3 credits

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\section*{ANTHC 27500-Reading Ethnographies (W)}

\section*{GER}

3/B

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{Pluralism and Diversity}

PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 30600 - Folklore and Myth}

GER
3/B

Cultural and psychological functions and symbolic meanings.
3 hours
3 credits

\section*{ANTHC 30700 - Anthropology of Religion}

Pluralism and Diversity
PD/A
GER
3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr .

\section*{ANTHC 30800 - Human Ecology}

Pluralism and Diversity
PD/A
GER
3/B
Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 30900-Countryside and City: Comparative Perspectives}

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 31000 - Politics and Power in Anthropological Perspective}
```

Pluralism and Diversity
PD/A
GER
3/B

```

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
\(3 c r\).

\section*{ANTHC 31100 - Anthropology of Art}
```

Pluralism and Diversity
GER 3/B
Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.
3 hrs
3cr.

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\section*{ANTHC 31200 - Anthropological Approaches to Sexuality}
```

Pluralism and Diversity
PD/C
GER
3/B

```

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.
prereq: ANTHC 10100
3 hrs
3 cr .

\section*{ANTHC 31400-Research Design in Anthropology}
```

Pluralism and Diversity
GER 3/B
Introduction to basic principles of research design employed in anthropology.
prereq: ANTHC 10100
3 hrs
3cr.

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\section*{ANTHC 31500-Applied Anthropology}

\section*{GER}

3/B`

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 31800-History of Anthropological Theory}
```

Pluralism and Diversity
PD/D
GER
3/B

```

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 32000 - Problems in Anthropology}

\section*{GER}

3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 32100 - Women and Globalization}

GER
3/B
The situation of women from less developed countries with attention to the local and global forces shaping their lives. Topics include migration, the international division of labor and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.
cross-listed WGSL 32100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 32200 - Family and Household in Anthropology and History}

\section*{Pluralism and Diversity \\ PD/C \\ GER \\ 3/B \\ Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society. \\ prereq or coreq: ANTHC 10100}

3 hrs
3 cr .

\section*{ANTHC 32500-Special Projects and Independent Research in Anthropology}

GER
3/B
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 33200 - East Asia: Societies and Cultures}

GER
3/B

Historical and regional variation in various East Asian societies with a focus on political economy, kinship, community and national minorities.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .
ANTHC 33400 - Latin America: Societies and Cultures

GER
3/B

Changing views of US and Latin American anthropologists on ethnic, class and gender relations, underdevelopment, migration and social movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 35000 - Popular Culture: Anthropological Perspectives}

GER
3/B
The comparative ethnographic and theoretical study of popular and expressive culture traditions from around the world. prereq: ANTHC 10100, ENGL 12000, or perm instr.
3 hrs
3 cr .
ANTHC 40000 - Honors Projects
prereq: perm chair
offered every sem.

\section*{ANTHC 40100 - Seminars in Selected Topics}

\section*{ANTHC 40196 - International Migration}

3 hrs
3 cr .

\section*{Anthropology: Linguistics}

\section*{ANTHC 15100 - Introduction to Linguistics}

\section*{Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B}

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
\(3 c r\).

\section*{ANTHC 26000 - North American Indian Languages and Cultures}

\section*{GER}

3/B

Linguistic analysis and sociocultural background of North American Indian languages.
3 hrs
3 cr.

ANTHC 26300 - Afro-New World Languages and Cultures

GER
3/B

Linguistic analysis, history, sociocultural background of Caribbean creole languages, other Afro-American speech forms.
3 hrs
3 cr .
ANTHC 32076 - Language, Sex and Gender

Pluralism and Diversity
PD/C
GER
3B
cross-listed WGSA 300.53
prereq: ANTHC 15100 or permission from instructor and or department

3 hrs
3 cr .

\section*{ANTHC 35100 - Language in Culture and Society}

GER
3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

\section*{ANTHC 35300 - Phonological Analysis and Theory}

GER
3/B

Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .
ANTHC 35400-Grammatical Analysis and Theory

GER
3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

\section*{Anthropology: Courses Less Frequently Offered}

\section*{ANTHC 31600-Quantitative Methods in Anthropology}

GER
3/B

Statistics and data analysis techniques for anthropological research.

\section*{ANTHC 31700 - Field Methods in Cultural Anthropology}

GER
3/B

\title{
Programs and Courses in Art and Art History
}

\section*{Art and Art History}

\section*{About the Department}

The Department of Art \& Art History offers a wide variety of courses for majors and non-majors. In studio art, two academic degrees are offered: the BA and the BFA. In art history, we offer a BA degree. Art history is the study of works of art and architectural monuments in their cultural environment. Students learn first to develop their powers of critical visual analysis. Then, by concentrated study of certain significant periods in the history of Western and nonWestern art, they learn to relate the forms of art to contemporary historical, political, economic, religious, social and cultural phenomena.

The department's broad range of studio courses begins with Introduction to Study of Visual Experience (ARTLA 10100) followed by Beginning Drawing (ARTCR 22100), which are prerequisites for all studio courses. In the beginning classes, the student learns the basic principles in various media; the advanced courses emphasize individual exploration.

Programs and Courses

Programs and Courses in Art and Art History

Administration and Faculty
Department Office:
11054 North
(212) 772-4995

Web site: http://www.hunter.cuny.edu/~art
Chair:
Howard Singerman
N11054
(212) 772-5051

\section*{Faculty}

Art Faculty
HEGIS Code: 1002 (Studio Art); 1003 (Art History)

\section*{Undergraduate Major}

\section*{Art History - BA}

\section*{Art History- BA}

The Department of Art and Art History offers introductory, intermediate and advanced courses in art history. The major consists of 3 credits in a foundational course and 30 credits in the major. No more than 15 credits transferred from another institution may be applied to the major.

The Art History BA is intended for students interested in a liberal arts education in the humanities or students planning to continue their art history studies in a graduate program. A broad range of courses from different fields, rather than specialization in one area, is encouraged. In order to declare a major in art history, students must have taken ARTH 11100. Majors who have completed 3 credits in art history beyond ARTH 11100 are eligible to take the required seminar, Research Methods of Art History ARTH 30000, to be programmed in consultation with an art history adviser.

Majors planning graduate study in art history should discuss with an art history adviser the requirements for graduate admission, including graduate language requirements; this should be done during an early semester.

Students may declare a double major in Studio Art (24 cr.)
Note: At least one class numbered ARTH 31100 (W) - ARTH 38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective)

\section*{Required Courses for the BA in Art History}

\section*{Foundational Course}

\section*{ARTH 11100 - Introduction to History of Art}

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/D
}

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
\(3 \mathrm{cr} . \mathrm{cr}\)
One course in each of four distribution areas 12 cr .

Note: Distributions can be met via 200-, 300- or 400- level courses.

\section*{Distribution areas}
(If in doubt, consult with an adviser)
1) Ancient and Medieval (including Egyptian, Greek, Roman)
2) Renaissance and Baroque (including 18th Century and Colonial Latin American)
3) Modern: \(18^{\text {th }}, 19^{\text {th }}, 20^{\text {th }}\), and \(21^{\text {st }}\) century (including Modern Latin American)
4) Islamic, Asian (including Indian, Chinese and Japanese) and African

\section*{ARTH 30000 Research Methods}

\section*{ARTH 30000 - Research Methods of Art History Seminar (W)}

\section*{GER}

3/A

Training in fundamental methods of learning and writing about works of art through visual analysis and art-historical research, focusing on a particular area in art history, and culminating in a substantial academic research paper.
prereq: ARTH 11100 and one 200-level art history course
3 hrs
3 cr .
At least one Advanced Studies Seminar (41000-48000 level) 3 cr.
(Prerequisite: ARTH 30000 Research Methods) 3 cr .
ARTLA 3 cr.

\section*{ARTLA 10100 - Introduction to Study of Visual Experience}

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio
Please note: ARTLA 10100, or any studio course taken for the Studio Art 24cr major, cannot count toward both the Studio Art (24cr) major and the Art History major. To replace the ARTLA 10100 requirement, Art History majors double-majoring in Studio Art ( 24 cr ) must choose a replacement course in consultation with the Art History adviser. The replacement course may be a Studio Course (ARTCR), an Art History course (ARTH), or a cognate in another department, such as Classics, Religion, or History.

\section*{3 additional courses 9 cr .}

3 additional courses, from any of the department offerings in art history at the 200, 300 or 400 level

\section*{Total 33 cr .}

\section*{Notes:}

\section*{Graduate Study}

The Department of Art and Art History offers a number of courses, listed in the Graduate Catalog http://catalog.hunter.cuny.edu/index.php?catoid=22, that may be credited toward the degree of bachelor of arts. Qualified undergraduate art history students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

\section*{Minor in Art History}

A minor in art history is also available consisting of 12 credits as follows: ARTH 11100 Introduction to the History of Art, followed by 9 credits selected from the other department offerings. No more than 6 credits transferred from another institution may be applied to the minor.

\section*{Honors}

Art History Major students wishing to graduate with honors must consult an adviser to make an official application for consideration by the faculty members on the Undergraduate Art History Committee on Honors. Application forms are in the Art and Art History office, Room 11054 Hunter North. Major credits must have been completed with a 3.7 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit a research paper written for Research Methods of Art History ARTH 30000 or an Advanced Studies Seminar ARTH 41000-ARTH 48000 with instructor's comments, edits, and grade, to the department's Undergraduate Art History Committee on Honors. The paper must have received a minimum grade of A-. Papers written for other art history courses may be considered if they conform to the requirements for an Advanced Studies Seminar; consult with an adviser. The committee will review the complete application to determine if the student merits departmental honors.

\section*{Studio Art - BA}
- Studio Art 24-Credit Major (BA)
- Studio Art 42-Credit Major (BA)

\section*{Electives}

All courses, unless otherwise specified, are open to qualified students majoring in other areas.

\section*{Honors}

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

\section*{ARTCR 36000 - Special Projects}

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and

Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches:
Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: \(\$ 50\)
prereq: See department
3 hrs
3 cr. +5 hrs open studio

\section*{ARTCR 40200 - Independent Study in Studio Art}

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

\section*{Graduate Study}

The Department of Art offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of arts. Qualified students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

\section*{Studio Art - BFA}

This degree is open to the student who wants to complete work in studio art beyond the 42-credit major and particularly the student who intends to pursue a career as a professional artist and attend graduate school. Students follow the regular Appendix I: Hunter Core Requirement for the BA degree. Departmental approval of the 61-credit BFA concentration is required. Students who have successfully completed 90 credits may apply to the BFA program, pending an interview with the BFA adviser. Students are required to maintain a GPA of 3.0 in this program. Required courses are as follows:

\section*{Hunter Core Requirement}

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

Major-61-cr.
Year 16 cr

\section*{ARTLA 10100 - Introduction to Study of Visual Experience}

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25

6 hrs
3 cr. +3 cr. hrs open studio

\section*{ARTCR 22100 - Drawing}

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \$50
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTH 11100 - Introduction to History of Art}
```

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/D

```

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.
```

3 hrs

```
\(3 \mathrm{cr} . \mathrm{cr}\)

Year 212 cr
four of the following six courses or 3 of the following 6 courses plus one 300 -level course:

\section*{ARTCR 22500 - Graphic Arts Workshop}

Techniques of woodcut, intaglio, lithography, silkscreen and related media.
Material Fee: \$75
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5\) hrs open studio

\section*{ARTCR 23500 - Painting}

Basic principles of painting. Studio practice using varied paint media, varied paint surfaces, paper and canvas. Material Fee: \$100
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5\) hrs open studio

\section*{ARTCR 25100 - Sculpture}

Basic principles of sculpture. Studio practice in varied materials.
Material Fee: \(\$ 65\)
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
3 cr. +5 hrs open studio

\section*{ARTCR 25700 - Ceramics}

Introduction to pottery and ceramic sculpture, including hand forming, throwing on the wheel, glazing and kiln operation.
Material Fee: \$85
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 27100 - Principles of Photography}

Black and white photography as creative medium; camera and its functions; exposure and film development, contact printing and enlarging.
Material Fee: \(\$ 75\)
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
\(3 \mathrm{cr} .+6 \mathrm{hrs}\) open studio

\section*{ARTCR 29000 - Combined Media}

An introduction to basic technologies, methods and ideas that result in ways of making art that mix and combine media. The course will emphasize the production of moving images, sounds, performance as well as still images and objects.

4 hrs +5 hrs open studio
3 cr .
Year 3
At least one area of concentration with two 300-level courses repeated in any one of the following: 6 cr

\section*{ARTCR 32200 - Advanced Drawing}

Continued experience in drawing with emphasis on drawing from life.
Material Fee: \$50
prereq: ARTC 22100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 32600 - Advanced Graphic Arts Workshop}

Advanced study of one or more graphic art methods. Individual exploration emphasized.
Material Fee: \$75
prereq: ARTCR 22500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses. 4 hrs
2 cr. +5 hrs open studio

\section*{ARTCR 33600 - Advanced Painting}

Continued experience in painting with possible concentration upon one medium and theme. Individual exploration emphasized.
Material Fee: \(\$ 100\)
prereq: ARTCR 23500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 35200 - Advanced Sculpture}

Continued experience in sculpture with possible concentration in one material. Individual exploration emphasized. Material Fee: \$65
prereq: ARTC 25100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses. 4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 35700 - Advanced Ceramics}

Continued experimentation in form, surface and techniques. Individual exploration emphasized.
Material Fee: \(\$ 85\)
prereq: ARTC 25700
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 37200 - Advanced Photography}

Techniques and aesthetics of black and white photography; self-expression and exploration; classroom critiques. Material Fee: \(\$ 75\)
prereq: ARTC 27100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
\(3 \mathrm{cr} .+6 \mathrm{hrs}\) open studio

\section*{ARTCR 39000 - Combined Media}

Continued experience in combined media with possible concentration in one approach and/or method. Individual exploration will be emphasized. May be repeated once (i.e., taken twice).
4 hrs +5 hrs open studio
3 cr.

Additional studio art requirements: 6 cr
- Courses chosen from all other 200- and 300-level studio art courses. Special-topic advanced studio courses will also be offered each semester for advanced art students; however they do not count toward the major concentration.

Art history requirements: 15 cr

To be completed by the end of year three.

\section*{ARTH 11100 - Introduction to History of Art}
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/D

```

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr . cr

\section*{ARTH 24900 - Twentieth-Century Art I}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Western art to World War II.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 25000-Twentieth-Century Art II}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Western art from World War II to approximately 1980.
prereq: ARTH 11100
3 hrs
3 cr .
- and six to nine additional credits chosen from 200- and 300-level courses.

\section*{ARTH 25100 - Contemporary Art}

GER
3/B

Significant international artists and art works of the past twenty years, as well as recent developments in art theory and criticism.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{Year 416 cr}

\section*{ARTCR 40500 - Art and Current Ideas II}

Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions. Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the exhibitions.
ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: BFA students or perm dept.
3 hrs
3 cr.

\section*{ARTCR 45900 - Professional Experience in Art I}

BFA majors, seniors only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department. Material Fee: \$50 prereq: perm BFA committee at end of junior yr. prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses. \(3 \mathrm{hrs}+15 \mathrm{hrs}\) open studio 6.5 cr .

\section*{ARTCR 46000 - Professional Experience in Art II}

Continuation of ARTC 45900.
Material Fee: \(\$ 50\)
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
\(3 \mathrm{hrs}+15 \mathrm{hrs}\) open studio
6.5 cr .

\section*{Honors}

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

\section*{ARTCR 36000 - Special Projects}

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as

Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches: Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: \(\$ 50\)
prereq: See department
3 hrs
3 cr . +5 hrs open studio

\section*{ARTCR 40200 - Independent Study in Studio Art}

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

\section*{Graduate Study}

The Department of Art offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of fine arts. Qualified students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

\section*{Studio Art 24-Credit Major (BA)}

\section*{Return to Programs and Courses in Art}

The 24-Credit Major (BA) is recommended to the student interested in a liberal arts education, particularly those interested in double majoring in Art History, or in other majors in the college. It consists of eight courses in the major subject, normally one 3-credit course per semester, beginning with ARTLA 10100, followed by ARTCR 22100, and an additional 18 credits selected from 20000- and 30000-level ARTCR courses. Repeated and additional courses cannot count towards the BA degree.

\section*{The 24-credit major in creative art consists of eight courses:}

\section*{Honors}

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit 35 mm slides of an advanced studio project or independent study course.

\section*{Foundational Courses (6 credits)}

\section*{ARTLA 10100 - Introduction to Study of Visual Experience}

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25

6 hrs
3 cr. +3 cr. hrs open studio

\section*{ARTCR 22100 - Drawing}

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \$50
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{Studio Art Courses (18 credits)}

6 courses selected from ARTCR 20000 and 30000 level courses.

\section*{Total for Major: 24 credits}

\section*{Studio Art 42-Credit Major (BA)}

The 42-credit Major (BA) is an intensive major recommended for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art. It consists of ARTLA 10100 and ARTCR 22100, with a concentration of 9 credits in one study area (e.g., painting, sculpture, drawing, graphics, ceramics, photography, combined media) and 18 credits of other studio art courses to be determined in consultation with a departmental adviser. Nine credits of study in art history are required. Students in the 42-cr Studio Art major may not double major in Art History, but they may minor in Art History, by taking any 4 classes (12cr) in addition to the 3 classes ( 9 cr ) required for the Studio Art 42cr major. No more than 30 credits of ARTCR can be counted toward the 120 credit BA degree, whether in the major or as college electives.

Students should consult with a department adviser for guidance in the selection of 200-level courses. The plan for the area of concentration should be submitted to an adviser for tentative approval at the beginning of the junior year and for final approval in the lower senior term.

Please note: A maximum of 30 ARTCR credits may be applied toward the BA degree.

\section*{The 42-credit major in creative art consists of fourteen courses}

Foundational Courses (6 credits) - 6 cr.

\section*{ARTLA 10100 - Introduction to Study of Visual Experience}

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25

6 hrs
3 cr. +3 cr. hrs open studio

\section*{ARTCR 22100 - Drawing}

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \$50
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{Concentration Courses (9 credits)}

3 courses in one study area
(e.g., painting, sculpture, drawing, graphics, ceramics, photography or combined media)

Example Concentration: Painting - ARTCR 23500, ARTCR 33600, ARTCR 33600
Advanced level courses may be repeated once with two different instructors.

Please note: ARTCR 360xx (special topic courses) cannot be used towards the concentration.

\section*{Art History (9 credits)}

3 courses of ARTH

\section*{Studio Art Courses (18 credits):}

6 other studio art courses, selected from 200 and 300 level to be determined in consultation with adviser.
Please note: ARTLA 36018 may be substituted for an ARTCR course with permission of the adviser.)

\section*{Total for Major: 42 credits}

\section*{Honors}

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

\section*{ARTCR 36000-Special Projects}

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and

Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches:
Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: \(\$ 50\)
prereq: See department
3 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 40200 - Independent Study in Studio Art}

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

\section*{Note:}

All ARTCR courses, unless otherwise specified, are open to qualified students majoring in other areas with instructor permission.

\section*{Undergraduate Minor}

\section*{Minor in Art History}

The Art History minor requires students to take 12 credits in Art History as follows: ARTH 11100 - Introduction to History of Art, followed by 9 credits selected from the other department offerings. No more than 6 credits transferred from another institution may be applied to the minor.

\section*{Art Theory and History}

\section*{ARTH 11100 - Introduction to History of Art}
```

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/D

```

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr . cr

\section*{ARTH 20500 - Egyptian Art}
```

Pluralism and Diversity
PD/A
GER
3/A
Geographical, historical and social conditions of the Nile. Influence of Egyptian art.
prereq: ARTH 11100
prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.
3 hrs
3 cr.

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\section*{ARTH 21500 - Greek Art}

Pluralism and Diversity
PD/D
GER
3/A

Sculpture and painting from the geometric period to the Hellenistic (ca. 750-100 BC). Emphasis on architectural sculpture, monumental free-standing sculpture and vase painting, in their stylistic and narrative contexts prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 21600 - Roman Art}

Pluralism and Diversity
PD/D
GER
3/A

Roman sculpture and painting from Republican period to Age of Constantine (ca. 100 BC-315 AD). Emphasis on historical reliefs, portraits and wall painting.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 22000 - Early Medieval Art}

\section*{GER}

3/A

Sculpture, painting, mosaics and minor arts in West from dissolution of Roman Empire through Carolingian revival, including early Christian and Byzantine art.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 22100 - Later Medieval Art}

Pluralism and Diversity
PD/D

GER
3/A

Ottonian, Romanesque and Gothic art; architecture, sculpture, painting and minor arts.
prereq: ARTH 11100
3 hrs
3 cr.

\section*{ARTH 22500 - Art of Early Renaissance}

Pluralism and Diversity
PD/D
GER
3/A

Painting, sculpture and related architecture in 14th- and 15th-century Italy. Major artists from Giotto to Botticelli.
prereq: ARTH 11100
3 hrs
3 cr.

\section*{ARTH 22700 - Northern Renaissance Art}

Pluralism and Diversity
PD/D
GER
3/A
Northern European art from the \(14^{\text {th }}-16^{\text {th }}\) centuries with emphasis on early Netherlandish painting including Jan van Eyck, and later masters including Dürer, Bosch and Bruegel.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 23000-Art of High Renaissance and Later 16th Century in Italy}
```

Pluralism and Diversity
PD/D
GER
3/A
Sculpture and painting of 16th-century Italy. Emphasis on Leonardo, Raphael, Michelangelo and Titian. prereq: ARTH 11100
3 hrs
3 cr .
offered spring

```

\section*{ARTH 23500 - Southern Baroque Art}

Pluralism and Diversity
PD/D
GER
3/A

Sculpture, painting of 17th-century Italy, France, Spain: Carracci, Caravaggio, Reni, Bernini; Ribera, Velasquez, Zurbaran, Murillo; Poussin, Claude Lorrain.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 23700 - Art and Architecture in Colonial Latin America}

Art in Latin America from 1521-1821
prereq or coreq: ARTH 11100
3 hrs .
3 cr .

\section*{ARTH 24000 - Baroque Art of Northern Europe}

Pluralism and Diversity
PD/D
GER
3/A
Sculpture and painting in 17th-century Flanders, Holland and England. Rubens, Van Dyck, Rembrandt; landscape. prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 24300 - Eighteenth-Century Art}

Pluralism and Diversity
PD/D
GER
3/A
European painting and sculpture; Watteau, Fragonard and Houdon in France, Hogarth and Reynolds in England, Tiepolo in Italy.
prereq: ARTH 11100
3 hrs
3 cr.
ARTH 24400 - Neo-Classicism and Romanticism: the Age of Revolution, 1789-1848

Pluralism and Diversity
PD/D
GER
3/A

Neo-classicism and romanticism in France, Germany, England, Spain. David, Ingres, Delacroix; Friedrich, Runge, the Nazarenes; Blake, Reynolds, Constable; Goya.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 24500 - Issues in 19th-Century French Painting: Realism, Impressionism and Post-Impressionism/Symbolism (1850-1910)}
```

Pluralism and Diversity
PD/D
GER
3/A
Impressionists and post-Impressionists within a European context: Courbet, Manet, Monet, Canne, Van Gogh,
Gauguin, Munch.
prereq: ARTH 11100
3 hrs
3cr.

```

\section*{ARTH 24600 - American Art 1760-1900}

Pluralism and Diversity
PD/D
GER
3/A

American art beginning with the Colonial period and including West, Copley, the Peales, Cole and the Hudson River School, the Luminists, Homer and Eakins.
prereq: ARTH 111000
3 hrs
3 cr .
offered fall

\section*{ARTH 24700 - Modern Art in Latin American ( until c. 1945)}

Modern Art in Latin America until c. 1945
prereq: ARTH 11100
3 hrs.
3 cr.

\section*{ARTH 24900 - Twentieth-Century Art I}

Pluralism and Diversity
PD/D
GER
3/A

Western art to World War II.
prereq: ARTH 11100
3 hrs
3 cr.

\section*{ARTH 25000 - Twentieth-Century Art II}

Pluralism and Diversity PD/D

GER
3/A

Western art from World War II to approximately 1980.
prereq: ARTH 11100
3 hrs
3 cr.

\section*{ARTH 25100 - Contemporary Art}

GER
3/B

Significant international artists and art works of the past twenty years, as well as recent developments in art theory and criticism.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 25200 - Ancient Architecture}

\section*{GER}

3/A

Major architectural styles with emphasis on Greece and Rome. Technical, cultural and aesthetic significance of the monuments.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 25300 - Medieval Architecture}

Pluralism and Diversity
PD/D
GER
3/A

Major styles and buildings in West from ancient world through Middle Ages; technical, cultural and aesthetic significance.
prereq: ARTH 11100
3 hrs
3 cr.

\section*{ARTH 25400 - Architecture: Renaissance to Neo-Classical}

Pluralism and Diversity
PD/D
GER
3/A
Architecture in West from Renaissance through the 19th century; baroque, rococo and neoclassical styles.
ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education
requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61credit BFA program. It may not be credited toward art history major requirements.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 25500 - Modern Architecture I (1850-1950)}
Pluralism and Diversity
PD/D
GER
3/A

Survey of western architecture from 1850 to 1950, emphasizing the wide range of theoretical, formal, and technological aspects of architectural practice during this period.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 25600 - Modern Architecture II (from 1950 until today)}

Survey of western architecture since 1950, examining the diversification of modern architectural practice, its increasing global reach and regional variations, with an emphasis on emerging architectural theories.
prereq: ARTH 11100
3 hrs .
3 cr .

\section*{ARTH 25700 - Postwar and Contemporary Art in Latin America}

Art in Latin America from c. 1945 to the present
prereq: Prerequisite: ARTH 11100
3 hrs .
3 cr .

\section*{ARTH 26000 - Islamic Art and Architecture}

\section*{Pluralism and Diversity}

PD/A
GER
3/A

Introduction to the art and architecture of Islamic lands (7th to 19th century).
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 26200 - Art of East Asia: Ritual and Religion}

GER
3/A

Emphasis on art and archaeology of ancestral worship, funerary spaces, and religions in East Asia. prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 26300 - Art of East Asia: Painting and Calligraphy}

\author{
Pluralism and Diversity \\ PD/A \\ GER \\ 3/A
}

Art of the brush in a chronological and thematic approach. From the classical tradition up until the 20th century. prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 27000 - Art of Africa and Oceania}

\section*{Pluralism and Diversity \\ PD/A \\ GER \\ 3/A}

Survey of African art; function, subjects, forms and styles of the arts in the cultural contexts.
prereq: ARTH 11100
3 hrs
3 cr .

\section*{ARTH 28000 - History of Photography}

\section*{GER}

3A
An historical survey of photography between 1839 and the present day with a focus on the visual revolution provoked by this new medium of representation and on photography's creative expression. The course is organized chronologically from the beginnings of photography, in 1839, to our time. It gives full exposure to the main technologies of photography in the nineteenth-century, as they became accessible to a large public and introduced new aesthetics in portraiture, urban landscapes, and the representation of distant geographies. This history continues in the twentieth-century, when photography became more experimental and sought its own artistic autonomy. The course surveys chronologically the key moments at which photography reached the status of art, was used as social document, and fulfilled a wide social need. The dialogue between contemporary art and photography is brought to the present, exploring the strategies by which digital art is challenging the idea of photography as truthful representation of the world.

3 hrs
3 cr .
ARTH 30000 - Research Methods of Art History Seminar (W)

GER
3/A

Training in fundamental methods of learning and writing about works of art through visual analysis and art-historical research, focusing on a particular area in art history, and culminating in a substantial academic research paper.
prereq: ARTH 11100 and one 200-level art history course
3 hrs
3 cr.

\section*{ARTH 31100 - Special Topics Lecture in Ancient Art (W)}

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100, and two 200-level art history courses
3 hrs
3 cr.

\section*{ARTH 32100 - Special Topics Lecture in Medieval Art (W)}
```

Pluralism and Diversity
P/D D
GER
3/A

```

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr .

\section*{ARTH 33100 - Special Topics Lecture in Renaissance Art (W)}

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr .
ARTH 34100 - Special Topics Lecture in Baroque Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

\section*{ARTH 35100 - Special Topics Lecture in Modern Art (W)}

GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr .

\section*{ARTH 36100 - Special Topics Lecture in Islamic Art (W)}

\section*{Pluralism and Diversity}

P/D A
GER
3/A
Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr .

\section*{ARTH 37100 - Special Topics Lecture in Asian Art (W)}

Pluralism and Diversity
P/D A
GER
3/A
Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300 -level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses
3 hrs
\(3 c r\).
ARTH 38100 - Special Topics Lecture in Art History (W)

GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level courses
3 hrs
3 cr.

\section*{ARTH 40200 - Independent Study in Art History}

GER
3/A
ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61credit BFA program. It may not be credited toward art history major requirements.
prereq: perm instr.
3 hrs
3 cr .

\section*{ARTH 41000 - Advanced Studies Seminar in Ancient Art (W)}

\section*{Pluralism and Diversity}

P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

\section*{ARTH 42000 - Advanced Studies Seminar in Medieval Art}

\section*{Pluralism and Diversity}

P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 300 and two 200-level art history courses
3 hrs
3 cr .

\section*{ARTH 43000 - Advanced Studies Seminar in Renaissance Art (W)}
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Pluralism and Diversity
P/D D
Upper-level seminar; check Department website each semester for the announcement of upcoming course titles
indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3cr.

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\section*{ARTH 44000 - Advanced Studies Seminar in Baroque Art (W)}
```

Pluralism and Diversity
P/D D
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of
upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3cr.

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\section*{ARTH 45000 - Advanced Studies Seminar in Modern Art (W)}

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

\section*{ARTH 46000 - Advanced Studies Seminar in Islamic Art (W)}

Pluralism and Diversity
P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

\section*{ARTH 47000 - Advanced Studies Seminar in Asian Art (W)}

\section*{Pluralism and Diversity}

P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .

\section*{ARTH 48000 - Advanced Studies Seminar in Art History (W)}

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics.
prereq: ARTH 30000 and two 200-level art history courses
3 hrs
3 cr .
ARTH 49800 - Internship

\section*{GER}

3/A

Qualified undergraduates work for academic credit in professional and community art institutions.
Students must also contact and apply at the internship office, where all college-approved internships are listed. The credits earned cannot be used to fulfill the 24 -credit major requirement. Three credits may be applied to the 42 -credit major. A maximum of six art history Inservice credits may be applied to the degree. ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61 -credit BFA program. It may not be credited toward art history major requirements.
prereq: perm dept. adviser
hrs TBA
(1-6) cr

\section*{Studio Art}

\section*{ARTCR 22100 - Drawing}

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: \(\$ 50\)
prereq: ARTLA 10100
prereq or coreq: ARTLA 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 22500 - Graphic Arts Workshop}

Techniques of woodcut, intaglio, lithography, silkscreen and related media.
Material Fee: \(\$ 75\)
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
3 cr. +5 hrs open studio

\section*{ARTCR 23500 - Painting}

Basic principles of painting. Studio practice using varied paint media, varied paint surfaces, paper and canvas. Material Fee: \(\$ 100\)
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 24000 - Watercolor Painting}

Basic principles of watercolor painting.
Material Fee: \(\$ 100\)
prereq: ARTLA 10100 and ARTCR 22100
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.

\section*{4 hrs}
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio
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ARTCR 25100 - Sculpture
Basic principles of sculpture. Studio practice in varied materials.
Material Fee: \$65
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
$3 \mathrm{cr} .+5 \mathrm{hrs}$ open studio

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\section*{ARTCR 25700 - Ceramics}

Introduction to pottery and ceramic sculpture, including hand forming, throwing on the wheel, glazing and kiln operation.
Material Fee: \(\$ 85\)
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5\) hrs open studio

\section*{ARTCR 27100 - Principles of Photography}

Black and white photography as creative medium; camera and its functions; exposure and film development, contact printing and enlarging.
Material Fee: \(\$ 75\)
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
\(3 \mathrm{cr} .+6\) hrs open studio

\section*{ARTCR 29000-Combined Media}

An introduction to basic technologies, methods and ideas that result in ways of making art that mix and combine media. The course will emphasize the production of moving images, sounds, performance as well as still images and objects.
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4hrs + 5 hrs open studio

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3 cr .

\section*{ARTCR 30100 - Advanced Studio}

Student projects with emphasis on contemporary methods such as video, film, tape, conceptual art, environmental art, earth art.
Material Fee: \$40
prereq or coreq: ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
3 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 32200 - Advanced Drawing}

Continued experience in drawing with emphasis on drawing from life.
Material Fee: \$50
prereq: ARTC 22100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 32600 - Advanced Graphic Arts Workshop}

Advanced study of one or more graphic art methods. Individual exploration emphasized.
Material Fee: \$75
prereq: ARTCR 22500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(2 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 33600 - Advanced Painting}

Continued experience in painting with possible concentration upon one medium and theme. Individual exploration emphasized.
Material Fee: \(\$ 100\)
prereq: ARTCR 23500
prereq or coreq: May be repeated once. ARTLA 10100 and ARTCR 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 35200 - Advanced Sculpture}

Continued experience in sculpture with possible concentration in one material. Individual exploration emphasized.
Material Fee: \$65
prereq: ARTC 25100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 35700 - Advanced Ceramics}

Continued experimentation in form, surface and techniques. Individual exploration emphasized.
Material Fee: \$85
prereq: ARTC 25700
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
4 hrs
\(3 \mathrm{cr} .+5 \mathrm{hrs}\) open studio

\section*{ARTCR 36000-Special Projects}

Advanced students only. Advanced projects are announced prior to registration each term. Recent examples of Special Projects courses: Color Photo; Advanced Photo Darkroom Process; Collage and Assemblage; Color as Communication; Computer Graphics; Projects in Clay; Advanced Watercolor Painting; Experiment: Photography and Graphics; Site-Specific Painting; Projects in 2-D., Digital Art, Advanced Digital Art, Video for Artists, Installation Art, Sculpture: Methods \& Materials, Advanced 2-D studio Seminar, Politics \& Painting, Unconventional Approaches:
Drawing, 2-D,3-D,4-D Seminar, Advanced Painting Tech. \& Concepts
Material Fee: \(\$ 50\)
prereq: See department

\section*{ARTCR 37200 - Advanced Photography}

Techniques and aesthetics of black and white photography; self-expression and exploration; classroom critiques.
Material Fee: \$75
prereq: ARTC 27100
prereq or coreq: May be repeated once. ARTC 10100 and 22100 are prerequisites to all studio courses.
3 hrs
3 cr. +6 hrs open studio

\section*{ARTCR 39000 - Combined Media}

Continued experience in combined media with possible concentration in one approach and/or method. Individual exploration will be emphasized. May be repeated once (i.e., taken twice).
4 hrs +5 hrs open studio
3 cr .

\section*{ARTCR 40200 - Independent Study in Studio Art}

ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm instr.
1-3 hrs
1-3 cr. per semester

\section*{ARTCR 40500 - Art and Current Ideas II}

Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions. Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the exhibitions.
ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: BFA students or perm dept.
3 hrs
3 cr .

\section*{ARTCR 45900 - Professional Experience in Art I}

BFA majors, seniors only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department.
Material Fee: \(\$ 50\)
prereq: perm BFA committee at end of junior yr.
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.
\(3 \mathrm{hrs}+15 \mathrm{hrs}\) open studio
6.5 cr .

\section*{ARTCR 46000 - Professional Experience in Art II}

Continuation of ARTC 45900.
Material Fee: \$50
prereq or coreq: ARTC 10100 and 22100 are prerequisites to all studio courses.

\section*{ARTCR 49800 - Internship}

Qualified undergraduates work for academic credit in professional and community art institutions. ARTC 10100 and 22100 are prerequisites to all studio courses.
prereq: perm dept.
hrs TBA
\(1-5 \mathrm{crs}\)

\section*{ARTLA 10100 - Introduction to Study of Visual Experience}

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: \$25
6 hrs
3 cr. +3 cr. hrs open studio
ARTLA 36018-2-D, 3-D,4-D Seminar

\section*{Programs and Courses in Asian American Studies}

\section*{Asian American Studies}

\section*{About the Program}

The Asian American Studies Program (AASP) was established on the initiative of students and faculty in 1993. The AASP is an interdisciplinary program and offers a range of courses on the history and contemporary experiences of Asian immigrants to the Americas, with close attention paid to how Asian immigrants are an integral part of the history of the United States, continuously redefining American culture and reconstituting American society.

The AASP is located in a global city, with unmatched cultural and intellectual resources and diverse and dynamic Asian populations: our faculty and students actively contribute to scholarship and advocacy in the field of Asian American studies as engaged members of New York City's diverse Asian American communities and communitybased organizations. Our courses are discussion-driven and firmly rooted in the belief that linkages between theory and practice must always be maintained; as a result, our program works actively to be a bridge between the Hunter College campus community and the city and nation's rapidly expanding APA populations.

The program draws its faculty and course offerings from traditional disciplines such as history, sociology, anthropology, political science, education and literature, as well as interdisciplinary fields such as American ethnic studies; women, gender, and sexuality studies; postcolonial studies; international human rights; and policy studies. The AASP grounds its curriculum in the firm belief that a rigorous intersectional approach to Asian American studies necessitates an alliance of these areas and methods of study.

\section*{Programs and Courses}

\title{
Administration and Faculty
}

Department Office:
1338 Hunter West
(212) 772-5660

Web site: http://www.hunter.cuny.edu/aasp
Director:
Jennifer Hayashida
1338 Hunter West
(212) 772-5660
jennifer.hayashida@hunter.cuny.edu

Faculty

Asian American Studies Faculty

\section*{Undergraduate Minor}

\section*{Minor in Asian American Studies}

The interdisciplinary Asian American Studies Minor provides students with focused competence in the histories and contemporary experiences of diverse Asian diasporic communities, including but not limited to those of North America. As one of only a few Asian American Studies programs in the tri-state area, the AASP offers its Minors a unique opportunity to gain the knowledge and skills necessary to make meaningful contributions to the city and nation's growing APA communities.

A Minor consists of a minimum of 12 credits and can be made up of any courses offered by-or cross-listed with-the Asian American Studies Program, excluding ASIAN 360.02 (East Asia to 1600) and ASIAN 360.03 (China since 1800). No more than 6 Minor credits may be transferred from another institution. Please note that a number of 300level courses in Asian American Studies may be used to satisfy requirements in the ENGL, POLSC, and WGS majors: see individual courses for details.

\section*{Asian American Studies: Introductory Courses}

\begin{abstract}
Hunter Core
I\&S
Pluralism and Diversity
PD/B
Critical nterdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.
Recommended for but not required of AASP Minors.
3 hrs
3 cr .
\end{abstract}

\section*{ASIAN 22001 - Asian American Women Writers}

\section*{Pluralism and Diversity}

PD/B or C
Critical examination of Asian American women's identity formations in relation to factors such as racial ideology, global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.

\section*{3 hrs}

3 cr.

\section*{ASIAN 22012 - Asian American Literature}

\section*{Pluralism and Diversity \\ PD/B or C \\ Critical examination of literary texts by Asians in the U.S. and western diaspora, tracing Asian American literary production in order to understand how these literatures are a formative site to engage in intersectional analyses of constructions of history, citizenship, and identity. \\ 3 hrs \\ 3 cr .}

\section*{Asian American Studies: Humanities Courses}

\section*{ASIAN 22004 - Arab American Literature}
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Pluralism and Diversity
PD/B
Critical examination of a cross-section of literature and film/video/performance by Arab American writers and artists in
an interdisciplinary investigation of the historical and contemporary experiences of Arab Americans in the United
States and western diaspora.
3 hrs
cr.

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\section*{ASIAN 22005 - South Asian Women's Literature}

\section*{Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{B}\) or C \\ Close examination of literary, historical, and theoretical texts with a focus on the cultural production and social movements of South Asian women, with particular attention to how issues of race and nationalism are shaped and how they have overlapped with gender, class, sexuality, religion, and language.}

3 hrs
3 cr .

\section*{ASIAN 22006 - Filipino American Literature}
```

Pluralism and Diversity
PD/B
Close examination of the historical and social contexts in which Philippine-American literature has evolved, the diverse aesthetics and themes of individual writers, and analysis of how issues of Philippine-American cultural production takes up issues of gender, class, sexuality, religion, language, and national identity.

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3 hrs
3 cr .

\section*{ASIAN 22009-Gender and Genre in Asian American Literature and Film}

\begin{abstract}
Pluralism and Diversity
PD/B, PD/C
Critical exploration of the social construction of Asian American identity in various genres: video art, prose, poetry, memoir, performance, and film. The emphasis of the course is on intersectional analyses that critically examine how race, gender, class, and sexuality inform Asian American artists' decisions regarding form and genre.
\end{abstract}

3 hrs
3 cr .

\section*{ASIAN 22100 - Introduction to Writing About Asian American Literature (W)}

\section*{Hunter Core}

EC
This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221 develops students' critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ASIAN 22500 - Asian American Art (W)}

\begin{abstract}
Pluralism and Diversity
P\&D B
Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.
\end{abstract}
prereq: ENGL 12000
3 hrs
3 cr .
ASIAN 32001 - Nation, Self, and Asian Identity

\section*{Pluralism and Diversity}

PD/B
Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with particular emphasis placed upon juridical constructions of citizenship, community, and belonging.
3 hrs
3 cr .

\section*{ASIAN 32005 - Asian American Memoir}

\section*{Pluralism and Diversity \\ PD/B}

Close examination of memory as an imagined and contested site that complicates and challenges how we constitute self and other. Students will analyze constructions of identity through Asian American narratives, and their relation to language, form and experience, including immigration and gendered narratives to transnational categories of homeland and belonging.

3 hrs
3 cr .

\section*{ASIAN 32100 - Asian American Social Protest Literature}

\section*{Pluralism and Diversity \\ PD/B}

Deconstruction and examination of historical and contemporary Asian American literatures of social protest and resistance. Students utilize readings as a framework for initiating, planning, and executing semester-long communitybased projects.
3 hrs
3 cr .

\section*{ASIAN 33008-Muslim Diasporas}

\section*{Pluralism and Diversity \\ PD/B}

Interdisciplinary course moving through the history of Islam and its expressions in many areas of the world (including Sufism), to the cultural identity, art, and literature of the Muslim Diaspora in the United States, their misrepresentations in the media, and fetishization by popular culture.

3 hrs
3 cr .

\section*{ASIAN 34001 - Asian Pacific American Media}

\section*{Pluralism and Diversity \\ PD/B \\ Addresses Asian Pacific American experiences of assimilation, displacement, marginalization, multiculturalism, and resistance to the cultural 'norm' within Asian Pacific communities through screening a wide range of films and videos and reviewing critical and fictional writing. Guest artists may also lecture. \\ 3 hrs \\ 3 cr .}

\section*{ASIAN 34003 - West Asian American Literature and Film}
```

Pluralism and Diversity
PD/B
Interdisciplinary course that first examines the cultural, linguistic, and religious diversity of West Asia, sometimes
called Central Asia and/or the Middle East, to then focus on the literature and film of their diasporic communities in the
U.S.
3 hrs
3cr.

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\title{
Asian American Studies: Recent Course Offerings in the Humanities
}

\author{
ASIAN 33052-Oral History, Cultural Identity and the Arts \\ ASIAN 39006-Gender and Sexuality in Asian American Literature and Film ASIAN 39016 - Ethnicity and American English \\ ASIAN 39018 - Asian American Poetics \\ ASIAN 46000 - Independent Study \\ \section*{Asian American Studies: Social Science Courses} \\ \section*{ASIAN 23002 - Asian American Communities and Mental Health} \\ \section*{Hunter Core} \\ Individual and Society (Social Sciences) -I\&S SS \\ Pluralism and Diversity \\ PD/B \\ Introduction to pyychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery. 3 hrs \\ 3 credits
}

\section*{ASIAN 29000 - Asian American Studies Internship}

\footnotetext{
A semester-long course intended to give students practical experience participating in a local or national Asian American-serving organization. The objective of ASIAN 29000 is to train students to transform Asian American Studies scholarship into practice, and to realize the relevance of their classroom training in a broader social context. ASIAN 29000 will be required of students seeking a Certificate in Asian American Studies (pending), and will be recommended for students seeking a minor in Asian American Studies.
prereq: ENGL 12000, ASIAN 210 or equiv.
}

8-10
3 cr .

\section*{ASIAN 35100 - Asian American History of Labor and Politics}

\section*{Pluralism and Diversity \\ PD/B}

This seminar explores the interconnected issues of race, class, and nationality through the study of the history of Asian immigrant labor in the U.S. in the context of American economic needs and political environment.

\section*{3 hrs}

3 cr .

\section*{ASIAN 39001 - International Migration}

\section*{Pluralism and Diversity \\ PD/B \\ This interdisciplinary course examines the origins and processes of migration and settlement, past and present. Includes a series of lectures by leading scholars from a variety of academic fields and immigrant communities. Topics include: immigration and labor, race and gender, social and cultural identity, immigration policy and political action, and the trans-nationalization of education and family life. \\ 3 hrs \\ 3 cr .}

\section*{ASIAN 39002 - Asian American Civil Rights and the Law}

\section*{Pluralism and Diversity}

PD/B
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.

3 hrs
3 cr .

\section*{ASIAN 49100 - Asian American Movement and Community Organizations}

\section*{Pluralism and Diversity}

PD/B
Semester-long analysis of the development of pan-ethnic Asian American consciousness and institutions since the late 1960s, with a focus on this movement's impact on community organizations of Asian national sub-groups examined in the context of larger American racial and ethnic politics.
3 hrs
3 cr .

\section*{Asian American Studies: Recent Course Offerings in Social Science}

\section*{ASIAN 23001 - Globalization and Gender}

\section*{ASIAN 33001 - Chinese in the U.S.}

ASIAN 33003 - South Asians in the U.S.

ASIAN 39015 - Immigration and the Economy

3
ASIAN 46000 - Independent Study
ASIAN 49000-Immigration Policy

Pluralism and Diversity
PD/B

\section*{Programs and Courses in Biological Sciences}

\section*{Biological Sciences}

\begin{abstract}
About the Department

The Department of Biological Sciences at Hunter College stresses excellence in both teaching and research. Fully equipped research laboratories are supported by major federal grants and students are strongly encouraged to become involved in laboratory research. State-of-the-art flow cytometry and bioimaging facilities are housed within the department. They have been created and are funded by federal grants, New York State and the Center for Basic and Translational Research. The Center consists of faculty from the departments of Biological Sciences, Chemistry, Physics and Psychology working in the areas of biomolecular structure and function.

The core curriculum in biological sciences prepares students for admission to both graduate and medical schools and for careers in the biological sciences, including teaching and the growing industry of biotechnology. The curriculum emphasizes cell biology, molecular biology, developmental biology, genetics and neurobiology as the foundation for future careers in fields related to the biological sciences.
\end{abstract}

\section*{Career Planning}

Career Planning

\section*{Programs and Courses}

\title{
Administration and Faculty
}

\section*{Department Office:}

HN-927
(212) 772-5293

Web site:http://biology.hunter.cuny.edu/
Chair:
Derrick Brazill
HN-803 A
(212) 650-3144

E-mail: brazill@genectr.hunter.cuny.edu

\section*{Faculty}

Biological Sciences Faculty
HEGIS Codes: 0401 (BA); 0499 (BA/MA in Biotechnology); 0401/1299 (BA/MA in Environmental \& Occupational Health); 1223.01/0401 (BS/MA in Biotechnology)

\section*{Undergraduate Major}

\section*{Biological Sciences}

Return to: Biological Sciences-BA
The major in Biological Sciences has the following Concentrations:
- Basic (shown below)

Three other concentrations that are slightly more rigorous than the basic major. Interested students should speak with a biology adviser as soon as possible to plan their courses accordingly.
- Behavioral Neurobiology
- Bioinformatics
- Biophysics

\section*{Foundational Courses}

Foundational Courses for the Biology Major (all concentrations) must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{MATH 12500 (STEM) - Precalculus}
```

Hunter Core
Math/Quantitative Reasoning
GER
1/B

```

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{MATH 12600 - Precalculus Technology Laboratory}

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major}

The basic major is for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue the biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology. Declared majors are assigned a permanent faculty advisor who will assist in individual curriculum planning. Students are required to meet with their advisor at least once each semester throughout their undergraduate career to discuss their program and progress.

\section*{A. Introductory Biology (9 cr.)}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{B. 200-level and higher Concentration in Biology ( 24.5 cr .)}

\section*{1. Required Courses (13.5 cr.)}

\section*{BIOL 20300 - Molecular Biology and Genetics}

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only
BIOL 30000-Biological Chemistry

\section*{GER}

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 30300-Cell Biology}

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

\section*{2. Electives (11 credits)}

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000 .

Together, introductory biology and the concentration ( 33.5 cr .) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

Additional science and math requirements for the major:
- CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), CHEM 22200, CHEM 22300, CHEM 22400
- PHYS 11000 (STEM), PHYS 12000 (STEM) (or PHYS 11100 (STEM), PHYS 12100 (STEM))
- MATH 15000 (STEM); MATH 15500 (STEM) or STAT 21300 (STEM)

Allied courses credits required: 37.5-44.5, including MATH 12500 (STEM) or placement test.

\section*{Curriculum Guide for Biology Major}

\section*{Year 1}

\section*{Fall}

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to
students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
\(4 c r\).

\section*{Spring}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{C}\) or D \\ GER \\ 2/E
}

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400

6 hrs
3 cr .

\section*{Year 2}

Fall

\section*{BIOL 10200 (STEM) - Principles of Biology II}
```

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

\section*{CHEM 22200-Organic Chemistry Lecture I}

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

4 cr .

\section*{CHEM 22300-Organic Chemistry Laboratory I}

\section*{GER}

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

\section*{Spring}

\section*{BIOL 20300 - Molecular Biology and Genetics}

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}
```

Hunter Core
Math/Quantitative Reasoning
GER
1/B

```

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
```

prereq: grade of C or better in MATH 15000

```
4 hrs
\(4 c r\).
* or

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}
```

Hunter Core
Math/Quantitative Reasoning
GER
1/B

```

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{CHEM 22400 - Organic Chemistry Lecture II}

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{Year 3}

Fall

\section*{BIOL 30000 - Biological Chemistry}

\section*{GER}

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\title{
PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
}

\author{
Hunter Core \\ Scientific World (SW) Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .
- 30000-level BIOL electives

\section*{Spring}

\section*{BIOL 30300 - Cell Biology}

\begin{abstract}
This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
\end{abstract}
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

\section*{PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ \section*{GER} \\ 2/E
}

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
4.5 cr .

\title{
PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus. prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .
- 30000/40000-level BIOL electives

\section*{Year 4}

Fall
- 30000 and \(40000-\) level BIOL electives

\section*{Spring}
- 30000 and \(40000-\) level BIOL electives

\section*{Note(s)}
*We recommend that math, physics and chemistry courses be completed as early as the student's schedule allows. Note that CHEM 22200 and CHEM 22300 must be taken prior to BIOL 30000; otherwise, instructor permission is required. Students who are behind in the chemistry sequence are urged to take advantage of the summer session, during which these chemistry courses are usually offered.

\section*{Biological Sciences - BA}

The Department of Biological Sciences offers a single major for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. This Major is equivalent to and replaces the Major I program from previous years. Students planning to pursue a Biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology.

Declared majors are assigned a permanent faculty adviser who will assist in individual curriculum planning. Students are required to meet with their adviser at least once each semester throughout their undergraduate career to discuss their program and progress.
- Biological Sciences

\section*{CR/NC Policy}

Only a letter grade (A, B, C, D, including + or -) will be accepted by the department in the required science and mathematics courses for the biology major.

\section*{Minor for other Majors}

The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests. In order to minor in Biological Sciences a student must pass four courses resulting in a minor GPA of 2.0 or higher. All students who want a Minor in Biological Sciences must take:
- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 20000 level or higher Number of Credits: A minimum of 12 credits. Transfer credits may be applied. At least 2 courses must be taken at Hunter College.

\section*{Opportunities for Undergraduates in Biological Sciences}

Undergraduate Research Students who wish to undertake a research project under the supervision of a faculty member must first obtain written permission from that faculty member and then register for BIOL 48000. Research opportunities for undergraduates at Hunter are available in cell and molecular biology, developmental biology, neuroscience, cancer biology, AIDS, microbiology and a variety of other contemporary areas. In some cases students may be permitted to work at one of the several neighboring research institutions. Synopses of faculty research interests can be obtained in the department office or from the Department of Biological Sciences Web site http://Biology.hunter.cuny.edu). In addition, there are summer research opportunities available at Cold Spring Harbor Laboratory and Woods Hole Research Center through the Howard Hughes Medical Institute. Please note that, to qualify for departmental honors at graduation, there is a research requirement.

\section*{Honors Work}

In order to qualify for departmental honors, students must have a departmental GPA of at least 3.5 and an overall GPA of at least 3.0. They must also satisfy a research requirement consisting of either:

\section*{(a) at least 2 research credits of}

\section*{BIOL 48000 - Introduction to Experimental Biology}

\section*{GER}

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.
prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.

\section*{BIOL 48100 - Introduction to Experimental Biology}

\section*{GER}

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
TBA
1-2 credits per semester

\section*{BIOL 48200 - Introduction to Experimental biology}

\section*{GER}

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
TBA
1-2 credits per semester

\section*{BIOL 48300 - Introduction to Experimental Biology}

\section*{GER}

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
hrs TBA
1-2 cr. per sem.

\section*{or (b) at least one course chosen from among}

\section*{BIOL 39000 - Laboratory in Cell Structure}

\section*{GER}

3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
4.5 cr .
fall only

\section*{BIOL 39100 - Laboratory in Cell Structure -- Biological Electron Microscopy}

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle.
Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultra-structures using a transmission electron microscope.
prereq or coreq: Instructor Permission
7 hrs.
4 cr.
spring only
- BIOL 61000 Workshop in Biotechnology

\section*{Additional Information}

The research requirement includes a written report resulting from work in any of these courses.

\section*{Accelerated Bachelor's/Master's Programs in Biological Sciences}

\section*{BA/MA Program in Biological Sciences and Adolescent Education: Biology}

This is an accelerated program leading to a BA in Biological Sciences and an MA in Adolescent Education: Biology. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the MA degree one year after they complete the requirements for the BA degree. Interested students should contact a Biology Department adviser early in their undergraduate career.

\section*{BA/MA Program with Specialization in Biotechnology}

In this five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic research, or public health. Successful completion of the biotechnology workshop, BIOL 61000, an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.

\section*{BA/MS Program in Biological Sciences/Environmental and Occupational Health Sciences}

This is an accelerated program leading to a BA in biology and an MS in environmental and occupational health sciences in five years. Biology majors admitted to the program start graduate work in their senior year. Interested students should contact a departmental adviser early in their undergraduate studies, as well as the office of the Director
of the Environmental and Occupational Health Sciences Program at the CUNY School of Public Health at Hunter College. The program provides biology majors with a career option in public health.

\section*{BS/MA Program in Medical Laboratory Sciences and Biotechnology}

Qualified medical lab science seniors may apply to the BS/MA collaboration: Medical Laboratory Sciences with Specialization in Biotechnology - Accelerated BS/MA between the department of Medical Laboratory Sciences and the department of Biological Sciences. An intensive techniques workshop (BIOL 61000 -see the graduate catalog) is taken prior to graduation and upon successful completion, students may continue with professional internship and the MA program, allowing MLS graduates to complete the degree at an accelerated pace.

\section*{MA Program in Biological Sciences}

See Career Planning-Graduate Study.

\section*{Biological Sciences: Concentration in Behavioral Neurobiology}

Return to: Biological Sciences
The concentration in Behavioral Neurobiology within the Department of Biological Sciences, one of the options for Major I, has the following required courses and schedule.

\section*{Required Courses}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ PD/C or D \\ GER \\ 2/E
}

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology. Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 20300 - Molecular Biology and Genetics}

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

\section*{BIOL 30000-Biological Chemistry}

\section*{GER}

3/B
Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

\section*{BIOL 30300 - Cell Biology}

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell
proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E
}

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 \mp@code { c r . }

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\section*{CHEM 22400-Organic Chemistry Lecture II}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\title{
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

\section*{BIOL 47000 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

\section*{BIOL 47100 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

\section*{Electives}

9 credits, 6 of which must be PSYCH

\section*{PSYCH 30100 - Sensation and Perception (B; C)}

\section*{GER}

3/B
Open to declared majors only. Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a
psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr.

\section*{PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)}

Pluralism and Diversity
PD/C
GER
3/B
Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .
PSYCH 32700 - Motivation and Emotion (B; C)

GER
3/B
The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 36900 - Behavioral Pharmacology (B)}

\section*{GER}

3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.
prereq: ENGL 12000,. PSYCH 24900 or 25000, PSYCH 30000 or perm instr.
3 hrs
3 cr.

\section*{BIOL 37000 - Physiology of the Nervous System}

\section*{GER}

3/B

\begin{abstract}
A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr .
spring only
\end{abstract}

\section*{BIOL 37600 - Endocrinology}

\section*{GER}

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

\section*{BIOL 38000 - Molecular Neurobiology}

\section*{GER}

3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

\section*{Total: 72.5 Credits}

\section*{Curriculum common to Behavioral Neurobiology Students (Biology/Psychology)}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ PD/C or D \\ GER
}

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 20300 - Molecular Biology and Genetics}

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

\section*{CHEM 22200-Organic Chemistry Lecture I}

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

\section*{GER}

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
\(4 c r\).

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of \(C\)
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.
- Biology BN elective
- Psychology BN elective
- Independent Research
- Behavioral Neurobology Seminar*
* This interdisciplinary course will serve as a discussion group for research articles of current interest to the Neuroscience community; as a venue for student research presentations and as a venue at which visiting may meet informally with Neuroscience undergraduates.

\section*{Schedule}

A typical timetable for graduation is presented below.

\section*{Fall (Year 1)}

\section*{CHEM 10200 (STEM) - General Chemistry I}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
\(4 c r\).

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).
Spring (Year 1)

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{C}\) or D
}

\section*{GER}

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

3 hrs
\(3 c r\).

\section*{Fall (Year 2)}

\section*{BIOL 10200 (STEM) - Principles of Biology II}
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Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\title{
PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

\section*{CHEM 22200-Organic Chemistry Lecture I}

GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

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\section*{Spring (Year 2)}

\section*{CHEM 22400-Organic Chemistry Lecture II}

\section*{GER \\ GER 3/B}

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\title{
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra. prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

\section*{BIOL 20300 - Molecular Biology and Genetics}

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only
Fall (Year 3)

\section*{BIOL 30000 - Biological Chemistry}

\section*{GER}

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and
function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

\section*{GER}

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr .

\section*{Spring (Year 3)}

\section*{BIOL 30300 - Cell Biology}

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of \(C\)
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

\section*{BIOL 47000 - Special Topics in Biology}

GER
3/B
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

\section*{Fall (Year 4)}

BIOL 38000 - Molecular Neurobiology
GER
3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

\section*{BIOL 37600 - Endocrinology}

GER
3/B
Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

\section*{PSYCH 30100 - Sensation and Perception (B; C)}

\section*{GER}

3/B

Open to declared majors only. Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)}

\section*{Pluralism and Diversity}

PD/C
GER
3/B
Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{Sub-total 63.5}

Electives 9

\section*{Total credits required 72.5}

\section*{Biological Sciences: Concentration in Bioinformatics}

Return to: Biological Sciences
The requirements and schedule for the Concentration in Bioinformatics, one of the options in Biological Sciences Major I, are as follows:

\section*{Required Courses}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ PD/C or D \\ GER \\ 2/E
}

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 30000 - Biological Chemistry}

\section*{GER}

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \(\$ 10\)
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E}

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core \\ Life and Physical Sciences (LPS) Scientific World (SW) \\ GER \\ 2/E}

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ GER 2/E \\ Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. \\ Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors. \\ prereq: CHEM 10200 \\ coreq: CHEM 10400 \\ 6 hrs \\ 3 cr .
}

CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

\section*{CHEM 22400-Organic Chemistry Lecture II}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

STAT 21200 - Discrete Probability
```

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

```

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat,
and Sound

\section*{Hunter Core}

Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

\title{
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

\section*{Electives (10 credits)}

\section*{ANTHP 30200 - Human Genetics}

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

\section*{CHEM 38800 - Topics of Current Interest in Chemistry}
```

Pluralism and Diversity
GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific
topic will be listed in the schedule of classes for a given semester.

```
prereq or coreq: CHEM 35200 and CHEM 35600 or perm instr.
3 hrs
3 cr .

\section*{GER}

3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.
Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

\section*{BIOL 47100 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.
Total Credits (72 to 74 credits)

\section*{Schedule}

A typical timetable for graduation is presented below.

\section*{Fall (Year 1) 11.5 credits}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

\section*{Spring (Year 1) 14.5 credits}

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology. Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.
Fall (Year 2) 12 credits

\section*{CHEM 22200-Organic Chemistry Lecture I}

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}
```

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

```
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

Spring (Year 2) 7.5 credits
CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

Fall (Year 3) 10.5 credits

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CSCI 13200 - Practical UNIX and Programming, with Lab}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E
An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

\section*{STAT 21200 - Discrete Probability}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time. prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{Spring (Year 3) 6 credits}

\section*{CSCI 23200 - Relational Databases and SQL Programming, with Lab}

\section*{GER}

3/B
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.

Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .
Fall (Year 4) 5 credits
- BIOL 3XX

\section*{BIOL 47100 - Special Topics in Biology}

\section*{GER}

3/B
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

\section*{Spring (Year 4) 5 credits}

\section*{ANTHP 30200 - Human Genetics}

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

\section*{BIOL 47100 - Special Topics in Biology}

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

\section*{Biological Sciences: Concentration in Biophysics}

Return to: Biological Sciences
The requirements and timetable for graduation for the Concentration in Biophysics, one of the options in the Biological Sciences Major I, are as follows:

\section*{Required Courses}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200 .
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 30000-Biological Chemistry}

\section*{GER}

3/B
Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
\(4 c r\).

\section*{CHEM 10600 (STEM) - General Chemistry Laboratory}
```

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory.
Credit not given for CHEM }10600\mathrm{ and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3cr.

```

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1- 2 recitation/workshop)
4 cr .

\section*{CHEM 22400-Organic Chemistry Lecture II}

\section*{GER \\ GER 3/B}

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
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prereq: CHEM 22200 with a grade of C or better

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5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}
```

Hunter Core
Math/Quantitative Reasoning
GER
1/B

```

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).
MATH 15500 (STEM) - Calculus with Analytic Geometry II
```

Hunter Core
Math/Quantitative Reasoning
GER
1/B

```

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
\(4 c r\).

\section*{MATH 25000 - Calculus with Analytic Geometry III}

\section*{GER}

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.

\section*{PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\section*{Hunter Core \\ Scientific World (SW) Life and Physical Sciences (LPS) \\ GER \\ 2/E}

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

\section*{PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

\section*{PHYS 33600 - Thermodynamics and Statistical Mechanics}

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
\(4 c r\).

\section*{PHYS 42000 - Introduction to Biophysics}

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
\(4 c r\).

\section*{Electives (any 2)}

\section*{BIOL 39000 - Laboratory in Cell Structure}

\section*{GER}

3/B
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr.
fall only

\section*{BIOL 47000 - Special Topics in Biology}

\section*{GER}

3/B
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

\section*{MATH 25400 - Ordinary Differential Equations}

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

\section*{Total Credits ( 77.5 to 79.5 credits)}

\section*{Schedule}

A typical timetable for graduation is presented below.

\section*{Fall (Year 1) 11.5 credits}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{C}\) or D \\ GER \\ 2/E
}

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.

5 hrs (4 lec, 1 rec)
4 cr.

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

Spring (Year 1) 14.5 credits

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{C}\) or D \\ GER \\ 2/E}

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair 5 hrs (4 lec, 1 rec)
\(4 c r\).
CHEM 10600 (STEM) - General Chemistry Laboratory
```

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory.
Credit not given for CHEM }10600\mathrm{ and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3cr.

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\section*{MATH 15500 (STEM) - Calculus with Analytic Geometry II}

\section*{Hunter Core}

Math/Quantitative Reasoning GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

Fall (Year 2) 13 credits

\section*{CHEM 22200-Organic Chemistry Lecture I}
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GER
GER 3/B

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Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\section*{PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\author{
Hunter Core \\ Scientific World (SW) Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

Spring (Year 2) 12.5 credits

\section*{CHEM 22400 - Organic Chemistry Lecture II}

\section*{GER \\ GER 3/B}

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

\section*{MATH 25000 - Calculus with Analytic Geometry III}

\section*{GER}

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
\(4 c r\).

\section*{PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

Fall (Year 3) 8.5 credits
BIOL 30000 - Biological Chemistry

\section*{GER}

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques
in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.
Material Fee: \(\$ 10\)
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{PHYS 33000 - Atomic and Nuclear Physics}

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr .

\section*{Spring (Year 3) 8.5 credits}

\section*{PHYS 33600 - Thermodynamics and Statistical Mechanics}

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr.
Fall (Year 4) 4 credits

\section*{PHYS 42000 - Introduction to Biophysics}

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
\(4 c r\).

\section*{Spring (Year 4) 5 credits}

\section*{BIOL 39000 - Laboratory in Cell Structure}

\section*{GER}

3/B
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr .
fall only

\section*{BIOL 47000 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

\section*{Human Biology - BA}

Human Biology is a multidisciplinary major that provides students with a curriculum that emphasizes the analysis of humanity in a holistic framework that includes behavioral, cultural, social, and biological approaches. This major will guide students towards an integrated view of humans and our biology through a wide array of courses from departments including Anthropology, Biological Sciences, Psychology, Sociology, and Urban Public Health.

The Human Biology major curriculum is built on a core foundation of courses in biology, anthropology, and statistics. Students will then choose one of the following three specialized tracks: Track I. Body, Mind, and Health, which emphasizes biological knowledge within the context of human biology, with coursework that addresses how social factors have an impact on humans and human health; Track II. Human Evolution and Variation, which emphasizes humans as an evolved species that is part of the natural world, with coursework focusing on physical anthropology; and Track III. Human Organizations, which emphasizes social phenomena, with coursework from multiple social science disciplines. Finally, students will complete a capstone course in human biology (HMBIO 40100), where they will analyze some of the key contemporary topics and issues in human biology from multiple vantage points.

The knowledge and skills obtained by Human Biology majors will prepare students well for a range of future careers and educational paths, including graduate school in the sciences or social sciences; medical, public health, and allied health graduate training (possibly requiring additional course work); and careers in natural or social sciences research or related fields.

\section*{Declaring the Human Biology Major:}

Students will be required to meet a GPA requirement of 2.5 in this Core Sequence to declare the major. Transfer students will be required to take ANTHP 10500 and receive a C or better to declare the major.

\section*{A. Core Requirements}

\section*{1. Introductory Course in the Major}

\section*{ANTHP 10500-The Human Species}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
GER
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution

\section*{3 hrs}

3 cr .

\section*{2. Choose One Biology Sequence}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}
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Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

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Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}
```

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

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In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{MATH 12500 (STEM) - Precalculus}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .
- OR-

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\section*{Hunter Core}

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr .

\title{
CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory
}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ GER 2/E
}

Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

\section*{3. Choose One Statistics course}

\section*{STAT 11300 - Elementary Probability and Statistics}

\section*{Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

\section*{STAT 21300 (STEM) - Introduction to Applied Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .
(or appropriate score on placement exam)
* if not taken in Biology Sequence 1

\section*{B. One the Following Three Tracks}

Choose ONE of the following THREE Tracks and complete 18 credits of coursework within that track ( 9 of the 18 credits must be at the \(300+\) level. The 18 credits must come from more than one department)

\section*{Track I: Body, Mind, \& Health}

\section*{ANTHP 30200 - Human Genetics}

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 30500 - Evolution of the Human Skeleton}

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
3 hrs.
3 cr.

\section*{ANTHP 30600-Human Anatomy}

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or
ANTHP 10500 (The Human Species) or BIOL102 (Principles of Biology 2) or
BIOL 12200 (Anatomy \& Physiology 2).
3 hrs.
3 cr .

\section*{BIOL 12500 (STEM) - Human Biology}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E w/ lab
An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

\section*{6 hrs}
4.5 cr .
spring only

\section*{BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)

\section*{GER}

GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

\section*{BIOL 22000 - Topics in Genetics and Evolution}

\section*{GER}

3/B

Introduction to chromosome structure, mitosis and meiosis. Principles of Mendelian segregation. Linkage and eukaryotic gene mapping. Genetic analysis of mutations, and their use in genetic screens for gene discovery and pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution. prereq: BIOL 10000 or equiv.
3 hrs
3 cr.
spring only

\section*{BIOL 25000 - Current Topics in the Biosciences (W)}

\section*{GER}

3/B
Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.

3 hrs
3 cr .
fall only

\section*{BIOL 30400 - Environmental Microbiology}

\section*{GER}

3/B

Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.
prereq: BIOL 10000, 10200, 20000 or perm instr.
3 hrs
3 cr .

\section*{BIOL 37600 - Endocrinology}

\section*{GER}

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

\section*{COMHE 30300 - Social Structure and Health (W)}

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 30600 - Social Disparities in Health}

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.
prereq: acceptance to the COMHE major or permission of the instructor.

3 hrs
3 cr.
COMHE 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr.

\section*{COMHE 33000 - Principles of Epidemiology}

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .

\section*{COMHE 40500 - Health Care Systems and Health Policy}

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.
prereq: Acceptance to the COMHE major or permission of the instructor.
3 hrs
\(3 c r\).

\section*{NFS 13100 - Food Science I}

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr .

\section*{NFS 14100 - Nutrition}

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .

NFS 33200 - Cultural Aspects of Food and Nutrition

Study of the way in which cultural, social and technological factors influence food behavior and dietary patterns. Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ANTHP 10100, SOC 101))
3 hrs
3 cr .

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

\section*{PSYCH 17000 - Psychology of Human Sexuality}

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .
PSYCH 18000 - Brain and Behavior

GER
2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr.

\section*{PSYCH 21000 - Child Development (D/S)}

\section*{GER}

3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{WGSP 25100 - Women and Health}
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Pluralism and Diversity
PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women,
reproductive and sexual health, and medical practices.
cross-listed HED 20100
3 hrs
3cr.

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\section*{Track II: Human Evolution and Variation}

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

\section*{ANTHP 21000 - Biology of the Living Primates}

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective.
3 hrs
3 cr.

\section*{ANTHP 30100 - Human Fossil Record}

Pluralism and Diversity
PD/C
GER
3/B
The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record. prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr .
ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 30500 - Evolution of the Human Skeleton}

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
3 hrs.
3 cr .

\section*{ANTHP 30600 - Human Anatomy}

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
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prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or
ANTHP }10200\mathrm{ (Intro. to Physical Anthropology: Human Variation) or
ANTHP }10500\mathrm{ (The Human Species) or BIOL102 (Principles of Biology 2) or
BIOL 12200 (Anatomy \& Physiology 2).
3 hrs.
3cr.

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\section*{ANTHP 31000 - Primate Ecology and Behavior}

\section*{GER}

Examination of ecological factors responsible for the distribution and behavior of living primate species.
prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
\(3 c r\).

\section*{ANTHP 31100 - Primate Evolution}

\section*{GER}

3/B
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHP 31200 - Primate Evolutionary Genetics}

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 31600 - Human Evolutionary Adaptations}

\section*{GER}

3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.
prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr .

\section*{ANTHP 31800 - Primate Nutritional Ecology}

This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates
3 hrs .
3 cr .
BIOL 12500 (STEM) - Human Biology
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Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E w/ lab

```

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

\section*{BIOL 22000 - Topics in Genetics and Evolution}

\section*{GER}

3/B
Introduction to chromosome structure, mitosis and meiosis. Principles of Mendelian segregation. Linkage and eukaryotic gene mapping. Genetic analysis of mutations, and their use in genetic screens for gene discovery and pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution.
prereq: BIOL 10000 or equiv.
3 hrs
3 cr.
spring only

\section*{BIOL 32200 - Evolution}

\section*{GER}

3/B
Modern synthetic theory, genetic basis of variation, gene pool in populations.
prereq: BIOL 30000
3 hrs (lec)
3 cr .
not offered 2015-16

\section*{PSYCH 16000 - Evolution and Behavior}

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
\(3 c r\).

\section*{PSYCH 22500 - Ethology: Animal Behavior (B)}

GER
3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{Track III: Human Organizations}

\section*{ANTHC 10100 - Introduction to Cultural Anthropology}
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Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/A
GER
2/B

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Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 3 hrs
3 cr.
offered every sem.

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER \\ 2/B}

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr .
offered every sem.

\section*{ANTHC 12700-Methods In Archaeological Science}
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Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3cr.

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ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

\section*{ANTHC 30100-Gender in Anthropological Perspective}

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 30800 - Human Ecology}

Pluralism and Diversity
PD/A
GER
3/B

Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 30900 - Countryside and City: Comparative Perspectives}

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 31200 - Anthropological Approaches to Sexuality}

Pluralism and Diversity
PD/C
GER
3/B

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary
societies.
prereq: ANTHC 10100
3 hrs
\(3 c r\).

\section*{ANTHC 31500-Applied Anthropology}

\section*{GER}

3/B`

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.
prereq: ANTHC 10100 or perm instr.
3 hrs
\(3 c r\).

\section*{ANTHC 32700 - Prehistoric Cultural Ecology}

\section*{GER}

3/B
Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr .

\section*{GEOG 24100 - Population Geography}
```

Pluralism and Diversity
PD/B or C
GER
3/B

```

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B
An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{PSYCH 17000 - Psychology of Human Sexuality}
```

Pluralism and Diversity
PD/C
GER
2/B

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Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
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cross-listed WGSS 17000

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prereq: PSYCH 10000
3 hrs
3 cr.

\section*{PSYCH 19000 - Development of Gender Roles}

Pluralism and Diversity
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
3 cr.
PSYCH 23000 - Social Psychology (D/S)

GER
3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{SOC 10100 - Introduction to Sociology}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs
3 cr .

\section*{SOC 20100 - The Family}

Pluralism and Diversity
PD/C
GER
3/B
Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr .
SOC 21700-Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .
SOC 25100 - Interpersonal Behavior

GER
3/B

Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 25700 - Sex and Gender Roles}

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 30100 - Medical Sociology}

\section*{GER}

3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr .

SOC 30700-Migration
Pluralism and Diversity
PD/B
GER
3/B
Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

\section*{GER}

3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31700 - Class, Status, and Power}

GER
3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr .

SOC 36100 - Development and Modernization (W)
Pluralism and Diversity
PD/A
GER
3/B

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

\section*{C. Human Biology Senior Capstone}

\section*{HMBIO 40100 - Human Biology Senior Capstone}

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points. prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.
3 hrs
3 cr.

\section*{Optional Courses}

\section*{HMBIO 40200 - Independent Study}

Research project directed by a Human Biology Program participating faculty member. prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1-3 hrs
1-3cr.

\section*{HMBIO 40300 - Internship}

Opportunity to participate in an internship in institutions related to the Human Biology major. prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1-3 hrs
1-3cr.
These do not count towards the credits listed above.
Honors Requirements

Complete HMBIO 40200 Independent Study) (3 Credits) or HMBIO 40300 Internship (3 Credits) AND
Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.

\section*{Undergraduate Major/Graduate Major}

\title{
Biological Sciences with Specialization in Biotechnology Accelerated BA/MA
}

In this five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic research, or public health. Successful completion of the biotechnology workshop (BIOL 61000 see graduate catalog), an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.

\section*{Biological Sciences/Environmental and Occupational Health Sciences - Accelerated BA/MS}

\begin{abstract}
This is an accelerated program leading to a BA in biology and an MS in environmental and occupational health sciences in five years. Biology majors admitted to the program start graduate work in their senior year. Interested students should contact a departmental adviser early in their undergraduate studies, as well as the office of the director of the Environmental and Occupational Health Sciences Program at the CUNY School of Public Health at Hunter College. The program provides biology majors with a career option in public health.
\end{abstract}

\title{
Medical Laboratory Sciences/Biological Sciences with Specialization in Biotechnology - BS/MA
}

\author{
Return to: Medical Laboratory Sciences
}

Qualified Hunter College seniors majoring in medical lab sciences in the School of Arts \& Sciences may apply to the new BS/MA collaboration between the Department of Medical Laboratory Sciences and the Department of Biology. An intensive techniques workshop (BIOL 61000-see graduate catalog) is taken prior to graduation and upon successful completion, students may continue with professional internship, and the accelerated MA program.

\section*{Undergraduate Minor}

\section*{Minor in Biological Sciences}

\begin{abstract}
The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests. In order to minor in Biological Sciences a student must pass four courses resulting in a minor GPA of 2.0 or higher. All students who want a Minor in Biological Sciences must take:
\end{abstract}
- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 200 level or higher Number of Credits: A minimum of 12 credits. Transfer credits may be applied. At least 2 courses must be taken at Hunter College.

\section*{Biological Sciences}

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ Pluralism and Diversity \\ PD/C or D \\ GER \\ 2/E
}

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 10500 - Introduction to Genome Biology}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
A genome is the total genetic content of an organism. Driven by breakthroughs such as the decoding of the first human genome and rapid DNA-sequencing technologies, biomedical sciences are undergoing a rapid and profound transformation into a highly data-intensive field, which requires familiarity with concepts in both biology and computer science. Genome information is revolutionizing virtually all aspects of biology and medicine and will lead to major advances such as more efficient production of renewable energy, better cures for cancers, and longer and healthier life expectancy. This course will introduce genome-sequencing technologies, explore hundreds of genome projects online, and discuss both the benefits and challenges (e.g., ethical and legal) of the genomic revolution to society.
3 hrs .
3 cr .

\title{
BIOL 10700 - The Human Barcode: Biology and Genetics of Personal Identification
}

\begin{abstract}
Hunter Core
LPS
An introductory lecture/laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by scientists to analyze how DNA or skin can uniquely lead to a person's identification, and the biological concepts behind them. For example, through the topics that are covered, students will learn how biological evidence like fingerprints and DNA is collected, analyzed, and presented as evidence to solve crimes. Students will learn important biological concepts such as DNA, development, and characteristics of body tissues.
3 hrs
3 cr .
\end{abstract}

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr.
spring only

\section*{BIOL 12500 (STEM) - Human Biology}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E with lab
An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr .
fall only

\section*{BIOL 16000 - Honors Principles of Biology II}

\section*{Pluralism and Diversity \\ \(\mathrm{PD} / \mathrm{C}\) or D \\ GER \\ 2/E}

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.
Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.
prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
not offered 2014-15

\section*{BIOL 17500 - Choreographing Genomics}

\section*{Hunter Core}

Scientific World (SW)
This course uses postmodern dance to model biological processes. It is an introductory biology course for non-majors studies in the biological science of molecular genome information through readings, quantitative assignments, movement exercises and artistic lenses. Students explore a detailed examination of heredity and cancer with a focus on contributions of DNA. Students are expected to articulate gene information flow through problem solving, written assignments, oral contributions, and movement forms. Topics covered include the definition of a gene, recombination of genes, the central dogma of genetic flow in a biological system, the 1:1 Pair Rule (Chargaff's rules), DNA sequencing, functional genomics and the relationships of genes to cancer and heredity, as well as ethical issues in medicine.
Each student is in charge of their own body and must recognize that they will have to use their body for assignments and in class participation work.

Students will be required to talk and move in class (comfortable clothes, flat shoes or bare feet, and a yoga mat are required).
Students will have reflective assignments that include written work.
Students will be required to develop visual and movement-based models.
prereq: MATH 10100
3 hrs
3 cr.
spring only

\section*{BIOL 20300 - Molecular Biology and Genetics}

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

\section*{BIOL 23000 - Fundamentals of Microbiology}

\section*{GER}

3/B
Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

\section*{BIOL 23100 - Survey of Microbiology with Case Studies}

BIOL 23100 utilizes the survey of microbial world content by adding case studies that will be investigated and discussed. Does not substitute BIOL 230 for Nursing Students.
prereq: BIOL 10200, CHEM 10400
3 hrs
3 cr .
BIOL 25000 - Current Topics in the Biosciences (W)
GER
3/B

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.
prereq or coreq: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr
3 hrs
3 cr.
fall only

\section*{BIOL 30000 - Biological Chemistry}

GER
3/B
Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{BIOL 30100-Biological Chemistry}

Not accepted for credit toward the Biology major and is recommended for post-bacs who need a one semester course, but do not need a lab and recitation.Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in molecular biology.
coreq: CHEM 22200
3 hrs
3 cr .

\section*{BIOL 30300-Cell Biology}

This Biology major capstone course builds upon what has been learned in molecular biology \& genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1 . Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3 . Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and
intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.
prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

\section*{BIOL 30600 - Developmental Biology}

\section*{GER}

3/B

Major topics include molecular and cellular mechanisms of early embryonic development in amphibians, mammals and model organisms such as Drosophila, as well as the related subjects of vertebrate organ system development, biology of stem cells and animal cloning. Emphasis is placed on seminal and current research in cell-cell communication, signal transduction and differential gene regulation in developmental processes.
prereq: BIOL 30000
3 hrs (lec)
3 cr .
fall only

\section*{BIOL 32000-Genetics}

Regulation of gene expression, DNA replication and chromosome transmission. Genetic analysis of model genetic organisms. Classic and modern examples of genetic screens in eukaryotic model organisms. Human genetics, and human genetic diseases. Concepts in molecular evolution. Most topics will be illustrated by articles selected from the recent primary scientific literature.
prereq: BIOL 20300
3 hrs.
3 cr .

\section*{BIOL 32200 - Evolution}

GER
3/B

Modern synthetic theory, genetic basis of variation, gene pool in populations.
prereq: BIOL 30000
3 hrs (lec)
3 cr.
not offered 2015-16

\section*{BIOL 35000 - The Biology of Cancer}

\section*{GER}

3/B

When a normal cell becomes a cancer cell there are genetic changes that occur that alter the biology of the cell such that it behaves independent of its neighbors. This course will investigate the altered biology of cancer cells that lead to uncontrolled proliferation and cancer. Topics include: cell culture, the cell cycle, hormones, receptors, intracellular signal transduction, oncogenes, tumor suppressor genes, apoptosis, metastasis, and the etiology of human cancer.
prereq: BIOL 20000, 30000, or perm instr.
3 hrs (lec)
3 cr .

\section*{BIOL 36000-Cellular and Molecular Immunology}

\section*{GER}

3/B
Study of the immune system from a molecular perspective. Molecular genetics of antibody and T cell receptor diversity, hematopoiesis and lymphocyte development, humoral and cellular immunity, histocompatibility. prereq or coreq: BIOL 30000, perm instr.
4 hrs (3 lec, 1 disc)
3.5 cr .
spring only

\section*{BIOL 37000 - Physiology of the Nervous System}

\section*{GER}

3/B
A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr .
spring only

\section*{BIOL 37500 - Molecular Systematics}

\section*{GER}

3/B
An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest in phylogeny and population biology.
prereq: BIOL 30000 or perm instr.
3 hrs
3 cr .

\section*{BIOL 37600 - Endocrinology}

GER
3/B
Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

\section*{BIOL 38000 - Molecular Neurobiology}

\section*{GER}

3/B

Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

\section*{BIOL 39000 - Laboratory in Cell Structure}

\section*{GER}

3/B
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr .
fall only

\section*{BIOL 39100 - Laboratory in Cell Structure -- Biological Electron Microscopy}

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle.
Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultra-structures using a transmission electron microscope.
prereq or coreq: Instructor Permission
7 hrs.
4 cr .
spring only

\section*{BIOL 42500 - Computational Molecular Biology}

\section*{GER}

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics,
comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.
Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

\section*{BIOL 45000 - Individual Tutorial in Biology}

GER
3/B

May be taken only once. Research paper written under the direction of a full-time faculty member in department of biological sciences.
prereq: 18 credits in biology, approval of adviser in addition to the sponsor
1-2 cr.

\section*{BIOL 46000 - Introduction to Planning and Teaching of Laboratory Work in Biology}

\section*{GER}

3/B

Participation in discussions and assisting in the teaching of laboratories in an introductory course, or peer mentoring in the undergraduate biological sciences research techniques facility.
prereq: 16 credits in BIOL, 12 credits in CHEM, 2 letters from faculty
5 hrs (2 planning, 3 lab)
2 cr.

\section*{BIOL 47000 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

\section*{BIOL 47100 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

\section*{BIOL 48000 - Introduction to Experimental Biology}

\section*{GER}

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.
prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.

\section*{BIOL 48100 - Introduction to Experimental Biology}

\section*{GER}

3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
TBA
1-2 credits per semester

\section*{BIOL 48200 - Introduction to Experimental biology}

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
TBA
1-2 credits per semester

\section*{BIOL 48300 - Introduction to Experimental Biology}

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
hrs TBA
1-2 cr. per sem.

\section*{Biological Sciences: Courses Less Frequently Offered}

BIOL 20800 - Ecology

GER
3/B

BIOL 22000 - Topics in Genetics and Evolution

GER
3/B

Introduction to chromosome structure, mitosis and meiosis. Principles of Mendelian segregation. Linkage and eukaryotic gene mapping. Genetic analysis of mutations, and their use in genetic screens for gene discovery and pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution. prereq: BIOL 10000 or equiv.
3 hrs
3 cr .
spring only
BIOL 25200 - Comparative Anatomy of the Vertebrates

Pluralism and Diversity
GER 3/B

BIOL 28000 - Biochemistry of Health and Nutrition

GER
3/B

Basic biochemistry in areas related to human health and nutrition. Designed for students in the dietetics program.
(Not accepted for credit toward biology Major I.)
prereq: BIOL 10000, 10200 or 12000, 12200; CHEM10000, 12000
3 hrs (lec)
3 cr.
not offered 2014-15
BIOL 33500 - Comparative Animal Physiology

GER
3/B

BIOL 34000 - Plant Physiology

GER
3/B
BIOL 38500 - Fundamentals of Developmental Neurobiology

GER
3/B

The course teaches the basic molecular processes underlying neural tissue specification, brain region-specific maturation, proper circuits formation and synapse assembly during the development of eukaryotic organisms.
3 hrs
3 cr.
BIOL 40000 - Special Topics in Advanced Laboratory Techniques

GER
3/B

Advanced laboratory techniques used in contemporary biological research, including areas such as immunology, microbiology and molecular neurobiology. Topics change from term to term.
prereq: BIOL 30000 or perm instr.
4 hrs (lab)
2 cr

\section*{Other Courses}

\section*{BIOL 30400 - Environmental Microbiology}

\section*{GER}

3/B

Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.
prereq: BIOL 10000, 10200, 20000 or perm instr.
3 hrs
3 cr .

\section*{Programs and Courses in Chinese}

\section*{Chinese Language and Literature - BA}

Return to Classical and Oriental Studies

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{CHIN 10100 - Elementary Chinese I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .
offered fall

\section*{CHIN 10200 - Elementary Chinese II}

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{Major}

The major in Chinese language and literature consists of 24 credits chosen from the following CHIN-prefixed courses:

\section*{CHIN 20100 - Intermediate Chinese I}

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabularybuilding.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

\section*{CHIN 20200 - Intermediate Chinese II}

Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr .
offered spring

\section*{CHIN 30100 - Journalistic Chinese Literature I}

Intensive reading of literature and essays written in journalistic style.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr .
offered fall

\section*{CHIN 30200 - Journalistic Chinese Literature II}

Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3 cr.
offered spring

\section*{CHIN 30300 - Classical Chinese Literature I}
```

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.
prereq: CHIN 20200 or equiv.
3 hrs
cr.
offered fall

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\section*{CHIN 30400 - Classical Chinese Literature II}

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.
prereq: CHIN 303 or equiv.
3 hrs
3 cr.
offered spring

\section*{CHIN 30700 - Classical Chinese Poetry}

\section*{Pluralism and Diversity}

PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi. prereq: CHIN 30400 or equiv.
3 hrs
3 cr.

\section*{CHIN 40100 - Advanced Studies in Chinese Literature}
```

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3cr.

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\section*{CHIN 40200 - Independent Study in Chinese Literature}

Independent study and research in Chinese literature under supervision of a faculty member.
For majors only.
prereq: CHIN 40100, perm chair
3 hrs
3 cr .

\section*{Preparation for Teaching Chinese in Grades 7-12}

Students preparing to teach Chinese must complete a 30 -credit major option for teaching that includes the 24 -credit sequence taken by non-teaching majors plus 9 additional credits: CHIN 39900 and 6 credits in Chinese language and
literature at the 300 or 400 level. Students interested in teaching Chinese in New York schools should take the 23 -credit pedagogical sequence for grades 7-12 ; this sequence may count toward the course requirements for New York State certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the The School of Education.

\section*{Minor in Chinese}

The minor in Chinese consists of 12 credits. Students must take 4 courses at or above the CHIN 200 level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count toward the minor. Consult the Chinese program adviser for appropriate course recommendations.

\section*{Advanced Placement and Exemptions}

Students who elect to take Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions. The Chinese program does not offer proficiency tests.

\section*{Electives}

All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

\section*{Chinese: Other Courses}

Language Courses

\section*{CHIN 10100 - Elementary Chinese I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .
offered fall

\section*{CHIN 10200 - Elementary Chinese II}

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

\section*{CHIN 10500 - Chinese Writing System and Calligraphy I}

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.

\section*{CHIN 10600 - Chinese Writing System and Calligraphy II}

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours
3 credits
offered spring

\section*{CHIN 30600-20th-century Chinese Literature}

\section*{Pluralism and Diversity}

PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr .

\section*{CHIN 39900 - Second Language Acquisition}

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr .

\section*{Chinese Culture and Literature in Translation}

\section*{CHIN 11100 - Chinese Culture I}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

```

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3 cr .

\section*{CHIN 11200 - Chinese Culture II}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ GER 2/C PD/A
}

Emphasis on modern transformation against background of classical tradition. Lectures and readings in English. 3 hrs
3 cr .

\section*{CHIN 21100 - Topics in Chinese Culture}

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.
3 hrs
3 cr .
CHIN 25100 - Topics in Chinese Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3 cr.
CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr .
CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Programs and Courses in Classical \& Oriental Studies}

\title{
Classical and Oriental Studies
}

\author{
About the Department \\ The Department of Classical and Oriental Studies offers Programs in: Arabic, Chinese Language and Literature, Classics, Hebrew, Japanese, and Russian and Slavic Studies. \\ \section*{Department Chair} \\ Robert Koehl \\ 1442 West \\ (212) 772-5181 \\ rkoehl@hunter.cuny.edu
}

\section*{Arabic Language, Literature, and Culture}

A Program in the Department of Classical and Oriental Studies
Here at Hunter we teach Arabic as the living language used on a daily basis by more than two hundred million people, from Morocco in the west of the Arab world to Oman in the east. We focus on both formal - usually referred to as Modern Standard Arabic (MSA) or Fusha - and informal Arabic. We do this via a communicative approach. In other words, instead of focusing on the translation of written texts, as Arabic has traditionally been taught, we teach our students how to read, speak, write and aurally comprehend the different registers of the language. We offer a 6-course sequence of language courses and a growing number of culture courses taught in English. Four semesters of Arabic or the equivalent fulfills the language requirement of Hunter. We also offer two minors: Arabic and Arabic Studies. http://www.hunter.cuny.edu/classics/arabic/arabic-minors

\section*{Programs and Courses}

Arabic Programs and Courses

\section*{Faculty and Administration}

Program Head: Christopher Stone email: cst@hunter.cuny.edu
Program Office: 1303 Hunter West (212) 650-3138
Web site: http://www.hunter.cuny.edu/classics/arabic/

\section*{Chinese Language and Literature}

A Program in the Department of Classical and Oriental Studies
The Chinese Division of the Department of Classical and Oriental Studies offers language courses in Modern Chinese (Mandarin) and Classical Chinese as well as courses taught in English on traditional and modern Chinese literature and culture. The program, which offers a major and minor, focuses on language acquisition and literacy development to help students attain professional language proficiency. It also introduces students to the civilization of China. Students are encouraged to take interdisciplinary courses in Chinese art, economics, history, political science and religion to develop a deeper understanding of past and present China. The program prepares students for further studies in
graduate school and professional careers in international trade, education, government service, diplomacy, private business, journalism and related fields.

\section*{Programs and Courses}

Chinese Language and Literature BA

\title{
Faculty and Administration
}

Program Head: Der-Lin Chao (212) 772-4965 email: dchao@hunter.cuny.edu
Program website: http://www.hunter.cuny.edu/classics/chinese/
Hegis Code: 1107

\section*{Classics}

A Program in the Department of Classical and Oriental Studies
The civilizations of ancient Greece and Rome have had a profound influence on the development of our own culture. The various expressions of human experience that are revealed through our literature and art, in our political and social institutions, and even in our language, all show the impact of the legacy of the classical world.

The Classics program in the Department of Classical and Oriental Studies offers a full range of studies in the worlds of ancient Greece, Rome, and the Mediterranean, from a single course in myth or etymology to majors in Greek, Latin, Classical Archaeology, or Classical Studies. Students who want to know about the classical world without learning its languages can choose from a variety of courses in civilization, literature in translation, myth and religion, and archaeology. In addition, the division participates in Hunter's interdepartmental programs in religion, comparative literature, archaeology, and women and gender studies.

Careers in research, government and education use skills developed in classical studies, and a major in classics provides an excellent foundation for many professional programs such as law. In addition, specialized careers-such as college and high school teaching, museum work, and archival research-are open to professional classicists and archaeologists.

\section*{Programs and Courses}
- Greek - BA
- Latin - BA
- Greek and Latin - BA
- Classical Studies - BA
- Classical Archaeology (Interdepartmental) - BA

\section*{Faculty and Administration}

Program Head: Ronnie Ancona; email: rancona@hunter.cuny.edu
Program Office: 1403 West (212) 772-4960
Program website: http://www.hunter.edu/classics

HEGIS Codes: 1110 (Greek); 1109 (Latin); 1504 (Latin and Greek); 1504 (Classical Studies);
2203 (Archaeology)

\section*{Hebrew}

A Program in the Department of Classical and Oriental Studies
The Hebrew Program in the Department of Classical and Oriental Studies offers a program of Hebrew language, literature and culture spanning the ancient through the modern periods. This program is designed to develop language skills, cultivate a critical appreciation of Hebraic and Judaic literature and thought and promote an understanding of Jewish cultural tradition against the background of world civilization. These courses may be applied to satisfy foreign language and other components of the General Education Requirement as well as to fulfill major and minor concentrations.

This curriculum also meets the special needs of students majoring in other disciplines for courses dealing with the Hebraic or Judaic elements and influences on European culture. The wide variety of course offerings, covering the entire range of Hebraic and Judaic culture from early Biblical times to modern Israel, enables students to concentrate their attention on one major period, to aim for an overall proficiency or to strive for both objectives simultaneously.

\section*{Programs and Courses}

Hebrew - BA

\section*{Faculty and Administration}

Program Head: Yitzhak Berger
Program Office: 1329 Hunter West; (212) 772-5107
Program website: http://www.hunter.cuny.edu/classics/hebrew
HEGIS Code: 1111

\section*{Japanese Language and Culture}

\section*{Faculty and Administration}

Program Head: Sue Kawashima; e-mail skawashi@hunter.cuny.edu Program Office: 1431 Hunter West
HEGIS Code: 1111
Japanese is one of the languages that can be used to meet the Foreign Language requirement of the GER. The Japanese culture courses offered meet PD/A. The Japanese Division offers a minor in Japanese Language and a minor in Japanese Culture and History.

Japanese Language/Culture Courses

\section*{Russian and Slavic Studies}

The Russian and Slavic Studies Program in the Department of Classical and Oriental Studies offers a rich curriculum designed for students who seek competence in spoken and written Russian and a solid background in and knowledge of Russian literature and culture. The Program also offers courses in two related Slavic languages, Polish and Ukrainian.

Courses in the Program are recommended to students from other disciplines who want to master the Russian language as a research tool or who seek to learn about Russian literature in translation. The important contributions being made by Russian scholars in chemistry, biology, mathematics and other related fields make the study of Russian especially valuable to science majors.

Russian majors find employment in U.S. governmental agencies, the United Nations, broadcasting, banking, international commerce, education, library services and other fields.

\section*{Programs and Courses}

Russian - BA

\section*{Faculty and Administration}

Division Head: Nadya Peterson email:npeterso@hunter.cuny.edu
Division Office: 1330 Hunter West; (212) 772-5060/5059
Program website: http://www.hunter.cuny.edu/classics/russian/
HEGIS Code: 1106

\title{
Faculty for All Programs in Classical and Oriental Studies
}

Classical and Oriental Studies Faculty

\section*{Undergraduate Major}

\section*{Chinese Language and Literature - BA}

Return to Classical and Oriental Studies

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.
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Hunter Core
World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign
Language Requirement.
3 hrs
3cr.
offered fall

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\section*{CHIN 10200 - Elementary Chinese II}

Beginning course in Mandarin.
3 hrs
3 cr .
offered spring
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{Major}

The major in Chinese language and literature consists of 24 credits chosen from the following CHIN-prefixed courses:

\section*{CHIN 20100 - Intermediate Chinese I}

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabularybuilding.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr .
offered fall

\section*{CHIN 20200 - Intermediate Chinese II}

Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr .
offered spring

\section*{CHIN 30100 - Journalistic Chinese Literature I}

Intensive reading of literature and essays written in journalistic style.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr .
offered fall

\section*{CHIN 30200 - Journalistic Chinese Literature II}

Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3 cr .
offered spring

\section*{CHIN 30300 - Classical Chinese Literature I}

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles. prereq: CHIN 20200 or equiv.
3 hrs
3 cr .
offered fall

\section*{CHIN 30400 - Classical Chinese Literature II}
```

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.
prereq: CHIN 303 or equiv.
3 hrs
3 cr.
offered spring

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\section*{CHIN 30700 - Classical Chinese Poetry}
```

Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs
3cr.

```

\section*{CHIN 40100 - Advanced Studies in Chinese Literature}

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation. prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.

\section*{CHIN 40200 - Independent Study in Chinese Literature}

Independent study and research in Chinese literature under supervision of a faculty member.
For majors only.
prereq: CHIN 40100, perm chair
3 hrs
3 cr.

Students preparing to teach Chinese must complete a 30 -credit major option for teaching that includes the 24 -credit sequence taken by non-teaching majors plus 9 additional credits: CHIN 39900 and 6 credits in Chinese language and literature at the 300 or 400 level. Students interested in teaching Chinese in New York schools should take the 23-credit pedagogical sequence for grades 7-12 ; this sequence may count toward the course requirements for New York State certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the The School of Education.

\section*{Minor in Chinese}

The minor in Chinese consists of 12 credits. Students must take 4 courses at or above the CHIN 200 level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count toward the minor. Consult the Chinese program adviser for appropriate course recommendations.

\section*{Advanced Placement and Exemptions}

Students who elect to take Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions. The Chinese program does not offer proficiency tests.

\section*{Electives}

All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

\section*{Chinese: Other Courses}

\section*{Language Courses}

\section*{CHIN 10100 - Elementary Chinese I}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Beginning course in Mandarin. \\ CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign Language Requirement. \\ 3 hrs \\ 3 cr. \\ offered fall
}

\section*{CHIN 10200 - Elementary Chinese II}

Beginning course in Mandarin.
3 hrs
3 cr .
offered spring

\section*{CHIN 10500 - Chinese Writing System and Calligraphy I}

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours
3 credits
offered fall

\section*{CHIN 10600 - Chinese Writing System and Calligraphy II}
```

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours
3 credits
offered spring

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\section*{CHIN 30600-20th-century Chinese Literature}
```

Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3cr.

```

\section*{CHIN 39900 - Second Language Acquisition}

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr

\section*{Chinese Culture and Literature in Translation}

\section*{CHIN 11100 - Chinese Culture}
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3 cr .

\section*{CHIN 11200 - Chinese Culture II}

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English. 3 hrs
3 cr .
CHIN 21100 - Topics in Chinese Culture

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.
3 hrs
3 cr.

CHIN 25100 - Topics in Chinese Literature in English Translation (W)
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
cr.
CHIN 35500 - Classical Chinese Fiction in English Translation (W)
Pluralism and Diversity
PD/A
GER
3/A
Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey,
All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3cr.

```

CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A
Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Classical Archaeology (Interdepartmental) - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

\section*{Hunter Core Requirement}

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{BA in Classical Archaeology (Interdepartmental)}

\section*{24 credits from the interdepartmental course pool, including}

\section*{CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ \section*{GER} \\ 2/C
}

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 22000 - Aegean Archaeology (W)}

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 22100 - Greek Archaeology (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr.

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\section*{CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)}
```

Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii
and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
cr.
fall only

- with a corequisite of 12-14 credits of Greek or Latin.

```

\section*{Additional Information}

Offered within the interdepartmental archaeology major.

\section*{Preparation for Teaching in Grades 7-12}

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

\section*{Honors and Tutorials}

Departmental honors in classics and tutorials are open only to majors.
Courses in Archaeology

CLA 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

\section*{CLA 22100 - Greek Archaeology (W)}

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .

\section*{CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)}

Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr.
fall only

\section*{CLA 22500 - Archaeology of Egypt (W)}

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

CLA 22700 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A

GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

\section*{CLA 32200 - Archaeology of Mesopotamia and Iran (W)}

Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 32300 - Archaeology of Anatolia (W)}

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 32900 - Problems in Archaeology}

Exploration in depth of particular area or period in Old World archaeology. Topics vary. prereq: ENGL 12000, two courses in classical archaeology
3 hrs
3 cr .

\section*{CLA 33000 - Field Seminar in Archaeology}

Open to majors only. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
prereq: ENGL 12000, perm dept.
6 cr. maximum

\section*{ANTHC 12600 - Introduction to Prehistoric Archaeology}

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

\section*{ANTHC 12700 - Methods In Archaeological Science}
```

Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3cr.

```

\section*{ANTHC 22600 - Archaeology of Africa}

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 22700-Archaeology of Europe}

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 22800 - Archaeology of the Near East to 2000 BC}

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.

3 hrs
3 cr .

\section*{ANTHC 23100 - Archaeology of Mesoamerica}

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 23200 - Archaeology of South America and the Caribbean}

GER
3/B
Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires. prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{ANTHC 42600 - Seminar in Archaeological Field Methods}

\section*{Pluralism and Diversity}

See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:
ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr .

\section*{Minor in Classical Archaeology}

12 Credits
1. CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
2. CLA 22100 - Greek Archaeology (W)
3. CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)
4. One other course in Classical Archaeology at the 200- or 300-level.

Note: CLA 20400 is a prerequisite for all other Classical Archaeology courses.

\section*{Classical Studies - BA}

Return to Classical and Oriental Studies

\section*{12 credits of Greek or 12 credits of Latin, including}

\section*{GRK 10100 - Beginning Greek}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr.
offered fall

\section*{GRK 10200 - Beginning Greek}

\section*{3 hrs}

3 cr .
offered spring
or

LAT 10100 - Beginning Latin
```

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT }10100\mathrm{ without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3cr.
offered fall

```

\section*{LAT 10200 - Beginning Latin}

3 hrs .
3 cr .
offered spring
LAT 10700 - Beginning Latin, Intensive

\section*{6 hrs}

6 cr .
usually offered spring and summer
12 credits of Classics courses given in English (CLA prefix), including two courses at the 300 level

Note: CLA 10100 and CLA 11000 do not count toward the major.

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

\section*{Honors and Tutorials}

Departmental honors in classics and tutorials are open only to majors.

\section*{Classics: Minors}

\section*{Classical Studies}

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

\section*{Classical Archaeology}

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

\section*{Greek}

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200

\section*{Latin}

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

\section*{Courses in Classical Studies}

\section*{CLA 10100 - Classical Mythology}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C
}

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr.

\section*{CLA 11000 - The Greek and Latin Roots of English}
```

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

```

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr .

\section*{CLA 20100-Greek Civilization (W)}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs
3 cr .

CLA 20200-Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A
The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000, CLA 20100 or 20400
3 hrs
3 cr .

\section*{CLA 20300 - Roman Civilization (W)}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr .

CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
```

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C
Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
cr.

```

\section*{CLA 22000 - Aegean Archaeology (W)}

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

\section*{CLA 22100 - Greek Archaeology (W)}

Pluralism and Diversity
PD/D
GER
3/A
Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .
CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr.
fall only

\section*{CLA 22500 - Archaeology of Egypt (W)}

Pluralism and Diversity
PD/A

GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

\section*{CLA 22700 - Archaeology of Eastern Mediterranean (W)}

Pluralism and Diversity
PD/A
GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr.

\section*{CLA 24000 - Topics in Classics}

Examination of specific areas of classical culture, such as literature, language, or numismatics.
prereq: ENGL 120
3 hrs
3 cr .

\section*{CLA 25000-Greek and Roman Tragedy (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

\section*{CLA 25100 - Ancient Comedy (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000

3 hrs
3 cr .

\section*{CLA 25300 - Homer and Vergil (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

\section*{CLA 25400 - The Ancient Novel in Translation (W)}

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
prereq: ENGL 22000 or perm instr.
3 hrs
3 cr.

\section*{CLA 30200 - Comparative Backgrounds of Classical Mythology (W)}

Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr .

\section*{CLA 30300 - Religion of Ancient Greece (W)}

Pluralism and Diversity
GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice. prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr .

\section*{CLA 30400 - Pagans and Christians (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

```

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology. prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

\section*{CLA 30500 - Women and Slaves in Classical Antiquity (W)}

Pluralism and Diversity
PD/C or D
GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.
cross-listed WGSC 30500 (W)
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

\section*{CLA 30600-Special Studies in Ancient Greek Culture}
```

Examination of specific areas of Greek life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3cr.

```

\section*{CLA 30700 - Special Studies in Ancient Roman Culture}

Pluralism and Diversity
PD/D
Examination of specific areas of Roman life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 30800 - Magic and Science in the Ancient World (W)}

\section*{GER}

3/A
The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

\section*{CLA 31000 - Ancient Sports and Spectacles (W)}
```

Pluralism and Diversity
PD/D
GER
3/A

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An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts. prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

\section*{CLA 32200 - Archaeology of Mesopotamia and Iran (W)}
```

Pluralism and Diversity
PD/A
GER
3/A

```

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 32300 - Archaeology of Anatolia (W)}

Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 32900 - Problems in Archaeology}

Exploration in depth of particular area or period in Old World archaeology. Topics vary.
prereq: ENGL 12000, two courses in classical archaeology
3 hrs
\(3 c r\).

\section*{CLA 33000 - Field Seminar in Archaeology}

Open to majors only. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
prereq: ENGL 12000, perm dept.
6 cr. maximum

\section*{CLA 42100 - Independent Study in Classics}

Open to majors only.
prereq: ENGL 12000, perm dept.
\(1-3 \mathrm{cr}\).

\section*{CLA 49100 - Honors in Classics}

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.
prereq: ENGL 12000, perm dept.
3 hrs
3 cr .

CLA 49800 - Internship
prereq: ENGL 12000, perm dept. \(1-6 \mathrm{cr}\).

\section*{Greek - BA}

Return to Classical and Oriental Studies

\section*{24 credits of Greek above}

\section*{GRK 10100 - Beginning Greek}

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement. 3 hrs
3 cr .
offered fall
GRK 10200-Beginning Greek

3 hrs
3 cr.
offered spring

\section*{Courses in Greek Above Beginning Level}

\section*{GRK 11000 - Greek Reading}
prereq: GRK 10200 or equiv.
3 hrs
3 cr .
offered fall
```

GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
cr.
GRK 20300 - Homer
prereq: GRK 11000 or equiv.
3 hrs
3 cr.
GRK 30100-Plato II
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30200-Euripides
prereq: GRK 20200 or equiv.
3 hrs
3 cr.
GRK 30300 - Greek Lyric Poetry
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30400 - Aristophanes and Menander
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30500 - Attic Orators
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30700-Sophocles
prereq: GRK 20200 or equiv.
3 hrs
cr.

```

GRK 30800 - Aeschylus
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

\section*{GRK 30900 - Herodotus}
prereq: GRK 202 or equiv.
3 hrs
3 cr .

\section*{GRK 31000-Thucydides}
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

\section*{GRK 42100 - Independent Study in Greek Literature}

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr.

\section*{and a corequisite of}

\section*{LAT 10100 - Beginning Latin}

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr.
offered fall
LAT 10200 - Beginning Latin

3 hrs.
3 cr .
offered spring
-or-

LAT 10700 - Beginning Latin, Intensive

6 hrs
6 cr .
usually offered spring and summer

\section*{Preparation for Teaching in Grades 7-12}

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

\section*{Honors and Tutorials}

Departmental honors in classics and tutorials are open only to majors.

\section*{Classics: Minors}

\section*{Classical Studies}

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

\section*{Classical Archaeology}

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level

\section*{Greek}

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200
Latin

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

\section*{Greek and Latin - BA}

Return to Classical and Oriental Studies

\section*{18 credits each of Greek and Latin}
(may include 10100-10200 or, in Latin, LAT 10700 )

\section*{Preparation for Teaching in Grades 7-12}

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

\section*{Classics: Minors}

\section*{Classical Studies}

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100, CLA 20100 and CLA 20300 have no prerequisites

\section*{Classical Archaeology}

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

\section*{Greek}

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200

\section*{Latin}

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

\section*{Courses in Greek and Latin}

\section*{GRK 10100 - Beginning Greek}
```

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK }10100\mathrm{ without GRK }10200\mathrm{ please see Appendix II: Foreign Language Requirement.
3 hrs
3cr.
offered fall

```

GRK 10200 - Beginning Greek

3 hrs
3 cr.
offered spring

\section*{GRK 11000 - Greek Reading}
prereq: GRK 10200 or equiv.
3 hrs
3 cr .
offered fall
```

GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
cr.
GRK 20300 - Homer
prereq: GRK 11000 or equiv.
3 hrs
3 cr.
GRK 30100-Plato II
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30200-Euripides
prereq: GRK 20200 or equiv.
3 hrs
3 cr.
GRK 30300 - Greek Lyric Poetry
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30400 - Aristophanes and Menander
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30500 - Attic Orators
prereq: GRK 20200 or equiv.
3 hrs
3cr.
GRK 30700-Sophocles
prereq: GRK 20200 or equiv.
3 hrs
cr}

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GRK 30800 - Aeschylus
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

\section*{GRK 30900 - Herodotus}
prereq: GRK 202 or equiv.
3 hrs
3 cr .

\section*{GRK 31000-Thucydides}
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

\section*{GRK 42100 - Independent Study in Greek Literature}

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr .

LAT 10100 - Beginning Latin

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr .
offered fall

\section*{LAT 10200 - Beginning Latin}

3 hrs.
3 cr .
offered spring

LAT 10700 - Beginning Latin, Intensive

6 hrs
6 cr .
usually offered spring and summer

\section*{LAT 11000 - Latin Reading}
prereq: LAT 10200 or equiv.
3 hrs
```

3cr.
offered fall

```

LAT 20100 - Ovid's Metamorphoses
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
LAT 20200 - Roman Biography
prereq: LAT 11000 or equiv.
3 hrs
3 cr .

LAT 20300 - Vergil's Aeneid
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
LAT 20400 - Cicero's De Senectute
```

prereq: LAT 11000 or equiv.
3 hrs
3cr.

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LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer
LAT 30200 - Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30300 - Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30400 - Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30500 - Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30600 - Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30700 - Lucretius' De Rerum Natura
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30800 - Roman Epic
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30900 - Lyric Poetry of the Golden Age
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31000 - The Roman Novel
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31100 - Elegiac Poets
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31200 - Livy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

\section*{LAT 31400 - Tacitus}
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

\section*{LAT 42100 - Independent Study in Latin Literature}

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.

\section*{Hebrew - BA}

Return to: Classical and Oriental Studies
Placement and Exemption Students with background in the language should consult the head of the Hebrew Division for proper placement or for language exemption..

\section*{Majors}

The major consists of 24 credits from courses beyond HEBR 101-102. In general, a Hebrew major is required to achieve proficiency in Biblical and/or modern Hebrew literature by successfully completing a minimum of four courses at the 300 level in Hebrew. Courses in Hebraic studies conducted in English may be applied toward partial fulfillment of the Hebrew major provided they are part of a coherent program approved by the head of the division.

Qualified students interested in a more intensive program in the field of Hebraic or Judaic studies, particularly those preparing for graduate work in such specialized areas as Semitic languages and civilizations, Jewish history, Biblical studies and archaeology, medieval or modern Hebrew literature, Near Eastern studies or religious studies, should consult a division adviser regarding additional courses and supportive studies in related fields.

\section*{Preparation for Teaching in Grades 7-12}

In cooperation with the School of Education, the Program in Hebrew provides opportunities for students to prepare for a career in teaching Hebrew in grades 7-12. Students preparing to teach Hebrew must complete a 33 -credit major option for teaching that includes the 24 -credit sequence taken by non-teaching majors, HEBR 39900, and 6 additional credits in Hebrew language and literature at the 300 or 400 level. Students interested in teaching Hebrew in New York
schools should take the 23-credit pedagogical sequence for grades 7-12. This sequence may count toward the course requirements for New York State Certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the Section XII: School of Education.

\section*{Minor}

Two minors are offered, one in Hebrew, the other in Hebraic Studies.

\section*{Hebrew Minor}

The Hebrew minor requires the successful completion of 12 credits at the 200 -level or above. Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

\section*{Hebraic Studies Minor}

The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200-level or above, taught in English or in Hebrew. Two Hebrew language courses other than Elementary and Intermediate Hebrew-e.g., Biblical Hebrew, Advanced Hebrew- may be used toward the minor requirement in lieu of two literature or culture courses.

\section*{Honors}

Opportunity for honors work is available through HEBR 49100 - Honors Project.

\section*{Courses in Hebrew}

\section*{HEBR 10100 - Elementary Hebrew I}
```

Hunter Core
World Culture and Global Issues (WCGI)
Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 101 not credited without HEBR 102.
HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

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\section*{HEBR 10200 - Elementary Hebrew II}
```

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
cr.

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\section*{HEBR 10300 - Intensive Elementary Hebrew}

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
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6 ~ h r s ~
cr.

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\section*{HEBR 10500 - Elementary Biblical Hebrew I}

\section*{Hunter Core}
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World Culture and Global Issues (WCGI)
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.
Not credited without HEBR 10600
3 hours
3 credits

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\section*{HEBR 10600 - Elementary Biblical Hebrew II}

The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.
3 hours
3 credits

\section*{HEBR 20100 - Intermediate Hebrew I}

Continued practice in conversational Hebrew, grammar and composition.
prereq: HEBR 10200 or equiv.
3 hrs
3 cr .

HEBR 20200 - Intermediate Hebrew II

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.
prereq: HEBR 20100 or equiv.
3 hrs
3 cr .
HEBR 20500 - Intermediate Biblical Hebrew I

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.
prereq: Biblical Hebrew 10600 or equivalent.
3 hours
3 credits

\section*{HEBR 20600 - Intermediate Biblical Hebrew II}

This is the 4th semester of the 4-semester Biblical Hebrew series.
prereq: HEBR 20500 or equivalent.
3 hours
3 credits

HEBR 21000 - Selected Studies in Hebrew Literature in Translation

Pluralism and Diversity
PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr .

\section*{HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)}
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Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

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Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr .
HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)
GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A
Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism. 3 hrs
3 cr

\section*{HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World}

Pluralism and Diversity
PD/A
GER
3/A
A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material. prereq: ENGL 12000

3 hrs
3 cr .

\section*{HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)}

\author{
Pluralism and Diversity \\ PD/D \\ GER \\ 3/A
}

Study of major works in Yiddish literature from Mendele Mocher Seforim to present. prereq: ENGL 22000
3 hrs
3 cr

\section*{HEBR 22000 - Israeli Cinema}

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

\section*{HEBR 22100 - Modern Israeli Culture}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

\section*{HEBR 24000 - Introduction to the Old Testament}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr
HEBR 25000 - Topics in Hebraic Studies

Pluralism and Diversity
PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr

\section*{HEBR 25900 - Old Testament Religion}

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr
HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

\section*{HEBR 28400 - Images of Women in the Old Testament, in Translation}

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr.

\section*{HEBR 28600 - Ancient Near Eastern Literature and the Bible}

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr
HEBR 28800 - Ancient Hebraic Folklore

Pluralism and Diversity
PD/A
GER
2/C
Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apoyphal literature and rabbinic Aggada.
3 hrs
3 cr

HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C
Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr
HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C
Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought. 3 hrs
3 cr
HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr

\section*{HEBR 29500 - Ancient Hebrew Law}
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

\section*{HEBR 29600 - The Dead Sea Scrolls in English (W)}

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr

\section*{HEBR 31000 - Modern Hebrew Literature I}

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr

\section*{HEBR 31100 - Modern Hebrew Literature II}

GER
3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.
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prereq: HEBR 20200 or equiv.
3 hrs
3cr.
HEBR 31500-Biblical Literature: Pentateuch
Pluralism and Diversity
PD/A
GER
3/A

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Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr

\section*{HEBR 31800 - Biblical Literature: Hagiographa}

\section*{Pluralism and Diversity}

PD/A
GER
3/A
Selections from Job, Proverbs, Psalms and the five Magillot. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

\section*{HEBR 32000 - The Modern Hebrew Short Story}

\section*{GER}

3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends. prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

HEBR 32100 - Talmudic Literature

Pluralism and Diversity
PD/A
GER
3/A

Selections from Talmud and Midrash.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
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3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3cr
HEBR 32500 - History of Modern Hebrew Literature
GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3cr
HEBR 32600 - Hebrew Poetry Between the Two World Wars
GER
3/A
Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman. prereq: HEBR 20200 or equiv.
3 hrs
$3 c r$

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HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32800 - Contemporary Hebrew Prose

GER
3/A
Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A. Applefeld and A. B. Yehoshua.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 33100 - Medieval Hebrew Philosophic Texts
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GER
3/A
Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs
3cr

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\section*{HEBR 35100 - Hebrew Grammar and Composition}

Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 35700 - Approaches to Main Problems in Hebraic Studies

Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester

There are "unlimited" repeats for this course.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

\section*{HEBR 39900 - Second Language Acquisition}

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr
HEBR 45100 - Selected Studies in Hebrew Literature

Pluralism and Diversity
PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3 cr

\section*{HEBR 49000 - Independent Studies}

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: permission of division head
hrs TBA
3 cr

\section*{HEBR 49100 - Honors Project}

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr.

\section*{Latin - BA}

Return to Classical and Oriental Studies

\section*{24 credits of Latin above}

LAT 10100 - Beginning Latin

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs.
3 cr .
offered fall

\section*{LAT 10200 - Beginning Latin}

3 hrs .
3 cr .
offered spring
-or-
LAT 10700 - Beginning Latin, Intensive

6 hrs
6 cr .
usually offered spring and summer

\section*{and a corequisite of}

\section*{GRK 10100 - Beginning Greek}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
For credit policy on GRK 10100 without GRK 10200 please see Appendix II: Foreign Language Requirement. 3 hrs
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3cr.
offered fall

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\section*{GRK 10200 - Beginning Greek}

3 hrs
3 cr .
offered spring

\section*{Preparation for Teaching in Grades 7-12}

Students interested in a teaching career should consult with the The School of Education. In addition, the department offers an MA in the teaching of Latin.

\section*{Honors and Tutorials}

Departmental honors in classics and tutorials are open only to majors.

\section*{Classics: Minors}

\section*{Classical Studies}

A minor in Classical Studies consists of: CLA 10100, CLA 20100, CLA 20300 and one additional CLA course at the 200 or 300 level (e.g. literature in translation or upper-level culture courses).

Note: CLA 10100 , CLA 20100 and CLA 20300 have no prerequisites

\section*{Classical Archaeology}

A minor in Classical Archaeology consists of: CLA 20400, CLA 22100, CLA 22200 and one additional Classical archaeology course at the 200 or 300 level.

\section*{Greek}

A minor in Greek consists of 12 credits beyond GRK 10100/GRK 10200

\section*{Latin}

A minor in Latin consists of 12 credits beyond LAT 10100 and LAT 10200 or LAT 10700.

\section*{Courses in Latin}

\section*{LAT 11000 - Latin Reading}
prereq: LAT 10200 or equiv.
3 hrs
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3cr.
offered fall

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LAT 20100 - Ovid's Metamorphoses
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
LAT 20200 - Roman Biography
prereq: LAT 11000 or equiv.
3 hrs
3 cr .

LAT 20300 - Vergil's Aeneid
prereq: LAT 11000 or equiv
3 hrs
3 cr.
LAT 20400 - Cicero's De Senectute
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prereq: LAT 11000 or equiv.
3 hrs
3cr.

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LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer
LAT 30200 - Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30300 - Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30400 - Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30500 - Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30600 - Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30700 - Lucretius' De Rerum Natura
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30800 - Roman Epic
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30900 - Lyric Poetry of the Golden Age
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31000 - The Roman Novel
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31100 - Elegiac Poets
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31200 - Livy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

\section*{LAT 31400 - Tacitus}
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

\section*{LAT 42100 - Independent Study in Latin Literature}

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr .

\section*{Russian - BA}

Return to: Classical and Oriental Studies

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement. Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{RUSS 10100 - Elementary Russian}
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Hunter Core
World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

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\section*{RUSS 10200 - Elementary Russian}

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.
-or-

\section*{RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr .

\section*{Major- 24 credits}

The Russian major consists of no fewer than 24 credits chosen among courses in the language beyond RUSS 10100 and RUSS 10200.
1. Russian language sequence: for students who want to acquire native fluency in spoken and written Russian and a thorough knowledge of Russian literature.
2. Russian language and culture sequence: for students whose interests lie in the arts rather than in language. With the permission of the division head, a limited number of courses in translation may be applied to the major sequence.
III. Concentration in Russian and East Central European Studies (RECE): This concentration within the Russian program draws on a variety of disciplines in combination with courses from the Division of Russian and Slavic Studies. Requirements for RECE include
1. Russian or Slavic language proficiency or a pre- or corequisite of 6 credits in Russian or Slavic language at the 20200 (intermediate) level or above and
2. 18 credits distributed as follows:
1. Russian or East Central European history ( 3 cr .);
2. RECE area political science ( 3 cr .);
3. Russian or East Central European literature, culture or arts ( 3 cr .);
4. and three additional 200- or 300-level courses chosen from two of the following categories:
1. anthropology,
2. economics,
3. geography,
4. history,
5. political science and
6. literature, culture or arts.

Students should select courses in consultation with their RECE adviser. In addition to their 18 -to 24 -credit concentration, students are strongly urged to choose 12 minor credits from disciplines related to RECE.
IV. Concentration in Russian translation: for students with interest in acquiring training in Russian translation in a variety of professional fields. Requirements for the concentration in Russian translation include:
1. 6 credits in Russian language at the intermediate level (RUSS 20100 and RUSS 20200) or 6 credits in the intensive RUSS 20300 for heritage speakers.
2. RUSS 21500 Translating Culture: Introduction to Theory and Practice of Translation for 3 credits.
3. RUSS 30100 Advanced Russian I for 3 credits
4. RUSS 30200 Advanced Russian II for 3 credits
5. RUSS 31700 Practical Aspects of Translation for 3 credits
6. RUSS 31800 Advanced Translation for 3 credits
7. RUSS 49800 Internship in Russian and Slavic Studies for 3 credits

Students exempt from the Russian language requirement through proficiency testing or by permission of the Division Head are required to take also either:
1. one 300 -level literature course taught in Russian for 3 credits and one of the following 300-level language courses:

RUSS 31200
RUSS 31300
RUSS 31400
RUSS 31500 or
RUSS 31900 for 3 credits ( 6 credits in all) or:
2. two 300-level language courses from the following courses

RUSS 31200
RUSS 31300
RUSS 31400
RUSS 31500
RUSS 31900 for 6 credits
3. or two 300-level literature courses in Russian for 6 credits

\section*{Electives}

All courses offered by the Russian Division are open to qualified students for elective credit.

\section*{Preparation for teaching in Grades 7-12}

In cooperation with the The School of Education, the program in Russian provides opportunities for students to prepare for a career in teaching Russian in grades 7-12. Students preparing to teach Russian must complete a 33-credit major option for teaching that includes the 24-credit sequence taken by non-teaching majors plus 9 additional credits:RUSS 39900 and 6 additional credits in Russian language and literature at the 300 or 400 level. Students interested in teaching Russian in New York Schools should take the 23-credit pedagogical sequence for grades 7-12 . This sequence may count toward the course requirements for New York State Certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the The School of Education.

\section*{Minor in Russian}

The minor in Russian consists of no fewer than 12 credits. Courses taken toward the Russian minor could follow two tracks: the Russian language minor or the Russian literature and culture minor.

\section*{RUSS 10100 - Elementary Russian}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 10200 - Elementary Russian}

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 20100 - Intermediate Russian I}

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr .

\section*{RUSS 20200 - Intermediate Russian II}

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr .
-or-

\section*{RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
\(6 c r\).

\section*{RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
\(6 c r\).

\section*{Track I: Russian Language Minor}

\section*{RUSS 20200 - Intermediate Russian II}

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr .
Students are expected to take

\section*{RUSS 30100 - Advanced Russian I}

Mastery of grammar in its application to writing, listening comprehension and oral expression. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 30200 - Advanced Russian II}

GER
3/A
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .

\section*{RUSS 31700 - Practical Aspects of Translation}

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
\(3 c r\).
-or-

\section*{RUSS 31800 - Advanced Translation}

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation. prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr .
-or-

\section*{RUSS 31900 - Business Russian}

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
plus one literature course taught in Russian.

\title{
Track II: Russian Literature and Culture Minor
}

Prerequisite

\section*{RUSS 20200 - Intermediate Russian II}

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr .

\section*{RUSS 30100 - Advanced Russian I}

Mastery of grammar in its application to writing, listening comprehension and oral expression. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 30200 - Advanced Russian II}

\section*{GER}

3/A

Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .
and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

\section*{Courses in Russian and Slavic Studies}

\section*{POL 10100 - Elementary Polish}

POL 10100 usually not credited without POL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 6 hrs
6 cr .
POL 20100 - Intermediate Polish I
prereq: POL 10200
3 hrs
3 cr .

\section*{POL 20200 - Intermediate Polish II}
prereq: POL 20100
3 hrs
3 cr.
POL 25000 - Topics in Polish Literature

Pluralism and Diversity
PD/D
Example: the 19th century Polish novel.
3 hrs
3 cr .

POL 30000 - Independent Study in Polish Language and Literature

3 hrs
3 cr .

\section*{RUSS 10100 - Elementary Russian}

Hunter Core
World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr .
RUSS 15500 - The Culture of Old Russia

Pluralism and Diversity
PD/D
GER
2/C

Religion, art, architecture and daily life in medieval Russia.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 15600-Culture of Imperial Russia: the Age of Empresses}
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Hunter Core
Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/C

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Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 15700 - The Age of the Great Masters}
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 15800 - Contemporary Russian Culture}

\author{
Hunter Core \\ Individual \& Society (I\&S) Humanities \\ GER \\ 2/C
}

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus.
Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
\(3 c r\).

RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr .

\section*{RUSS 20200 - Intermediate Russian II}
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Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
cr.

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\section*{RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
6 cr.
RUSS 24500 - Russian Folklore: Slavic Myths and Traditions

Common Slavic myths, traditions and social structures.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 24600 - Special Topics in Slavic Literature and Cultures

Sample topic: fairy tales, satire.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 25000-19th Century Russian Literature in English Translation (W)

\section*{Hunter Core}

Individual and Society (I\&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)
```

Hunter Core
Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A

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Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25200 - Modern Russian Literature in English Translation (W)
```

Hunter Core
Individual and Society (I\&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C

```
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25300 - Russian Theater in English Translation (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr.
RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)
Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova,

Pasternak.
prereq: ENGL 12000
3 hrs
\(3 c r\).
RUSS 25500 - Russian Folklore, in Translation (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation

Pluralism and Diversity
PD/D
Examples: the Russian cinema, Nabokov.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25700 - Masterpieces of Russian Literature in English Translation

Examples: Chekhov's short stories or plays, Nabokov.
prereq: ENGL 12000
1 hr
1 cr .
RUSS 25800 - Masterpieces of Russian Literature in English Translation

Example: Pasternak's Dr. Zhivago.
prereq: ENGL 12000
1 hr
1 cr .

RUSS 25900 - Masterpieces of Russian Literature in English Translation

Examples: Solzhenitsyn's Gulag, Pushkin stories, Gogol stories.
prereq: ENGL 12000
1 hr
1 cr .
RUSS 26000 - Russian Women Writers in English Translation (W)
Hunter Core
I\&S
Pluralism and Diversity
PD/C
GER
3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)}

\section*{Hunter Core}

Individual and Society (Social Science) -I\&S SS
GER
2/C

Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr .

\section*{RUSS 29300 - Folklore in Translation: A Comparative Study}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
\(3 c r\).

\section*{RUSS 29400 - Folklore and Literature (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A
Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 29500 - The Vampire in Lore and Literature (W)}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/C
Comparative study of the vampire in various folk and literary traditions from ancient Greece to the \(21^{\text {st }}\)
century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western
European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity.
Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{RUSS 29600 - Vladimir Nabokov Between Two Cultures}

\section*{Hunter Core}

Creative Expression (CE)
GER
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .

\section*{RUSS 29700 - The Russian Urban Novel in English Translation (W)}

\section*{Hunter Core}

I\&S
GER
3/A
The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
\(3 c r\).

\section*{RUSS 30100 - Advanced Russian I}

Mastery of grammar in its application to writing, listening comprehension and oral expression.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

\section*{RUSS 30200 - Advanced Russian II}

\section*{GER}

3/A
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports.
prereq: RUSS 20200 or equiv
3 hrs
3 cr.

\section*{RUSS 31200 - Advanced Russian Conversation I}

Conversation and oral exercises; discussions based on readings of social and cultural interest. Introduction to oral interpreting.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31300 - Advanced Russian Conversation II}

Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31400-Reading Russian I}

Reading and critical analysis of selected literary and journalistic texts from various disciplines. Grammar review through reading. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31500 - Reading Russian II}

In-depth study of syntax and idiomatic language to improve reading competency.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31700 - Practical Aspects of Translation}

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
\(3 c r\).

\section*{RUSS 31800 - Advanced Translation}

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation. prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
\(3 c r\).

\section*{RUSS 31900 - Business Russian}

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 32100 - Russian Short Story and Novella}

Pluralism and Diversity
PD/D
GER
3/A

Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 32200 - Classical Russian Poetry}

Pluralism and Diversity
PD/D
GER
3/A
Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 32300 - Modern Russian Poetry}

Pluralism and Diversity
PD/D
GER
3/A
Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.
prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

\section*{RUSS 32400 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism}

\section*{GER}

3/A
Major literary works of the Kievan period, 968 to 1237: The Primary Chronicle, The Tale of Igor's Campaign. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 34000-19th Century Russian Literature}

\section*{GER}

3/A
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34100-Tolstoy and Dostoevsky
Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 34200 - Modern Russian Literature}

Pluralism and Diversity
PD/D
GER
3/A

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34300-Russian Theater
```

Pluralism and Diversity
PD/D
GER
3/A
Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov
and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

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\section*{RUSS 34400 - The Silver Age of Russian Literature}

Pluralism and Diversity
PD/D
GER
3/A

Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova,
Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

RUSS 36000 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A

Studies the contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. Readings and some writing in Russian.
cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

RUSS 37000 - Independent Study in Slavic Literatures and Cultures
prereq: ENGL 120
3 hrs
3 cr.
RUSS 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 120
3 hrs
3 cr.

\section*{RUSS 49100 - Honors Project}

Open to Russian majors only. Essay.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

UKR 30000 - Independent Study in Ukrainian Language and Literature

3 hrs
3 cr .

\section*{Undergraduate Minor}

\section*{Minor in Arabic and Minor in Arabic Studies}

Return to Classical and Oriental Studies
Two minors are offered by the Arabic Language, Literature, and Culture Division of the Department of Classical and Oriental Studies: Arabic and Arabic Studies.

Minor in Arabic

The minor in Arabic requires the successful completion of

\section*{ARB 20100 - Intermediate Arabic I}
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Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.
prereq: ARB 10200 or equiv.
3 hrs
cr.

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\section*{ARB 20200 - Intermediate Arabic II}

Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
3 cr .

\section*{ARB 30100 - Advanced Arabic I}
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Emphasis on increased proficiency in reading, speaking and writing Arabic
prereq: ARB 20200 or equiv.
3 hrs
3cr.

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\section*{ARB 30200 - Advanced Arabic II}
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Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
cr.
or their equivalent as determined by the Arabic Program Head.

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\section*{ARB 14900 - Spoken Egyptian Arabic}

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.
prereq: ARB 10200 and permission of instructor
3 hours
3 credits
can be taken in lieu of ARB 30200
The prerequisite for the minor is successful completion of ARB 10100 and 10200 ( 8 credits).

\section*{Arabic Studies Minor}

The Arabic Studies Minor requires the successful completion of 4 ARB courses on cultural or literary topics taught in English or in Arabic. Up to 2 Arabic language courses may be used to fulfill the minor requirements in lieu of two culture or literature courses.

The prerequisite for the minor is successful completion of ARB 10100 and ARB 10200 ( 8 credits).

\section*{Arabic Courses}

\section*{ARB 10100-Beginning Arabic I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr .

\section*{ARB 10200-Beginning Arabic II}

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and
informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.
prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr .

\section*{ARB 14800 - Beginning Arabic for Heritage Speakers}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head
3 hrs
\(3 c r\).

\section*{ARB 14900 - Spoken Egyptian Arabic}

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.
prereq: ARB 10200 and permission of instructor
3 hours
3 credits

\section*{ARB 20000 - Topics in Arabic Literature and Culture}

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule. prereq: ENGL 12000 or equivalent
3 hrs .
\(3 c r\).

\section*{ARB 20100 - Intermediate Arabic I}

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills. prereq: ARB 10200 or equiv.
3 hrs
3 cr .

\section*{ARB 20200 - Intermediate Arabic II}

Continuation of ARB 20100.
prereq: ARB 20100 or equiv.

3 hrs
3 cr .

\section*{ARB 24800 - Intermediate Arabic for Heritage Speakers}

This course is a continuation of ARB 14800 . It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr .

\section*{ARB 25000 - The Arab Novel (in translation) (W)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: ENG 22000 or equiv.
3 hrs
3 cr .

\section*{ARB 25100-Arab Cinema (in translation)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25200 - Literatures from the Islamic World (W)}

\author{
Hunter Core \\ World Cultures and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/C
}

A survey of literary genres and themes from the Islamic World from the 7th to the 15 th century. prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25300 - Literatures and Cultures of Muslim Spain (W)}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/C
}

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25400 - The Arabian Nights East and West (W)}

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

\section*{ARB 25500 - Modern Palestinian Culture}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A}

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

\section*{ARB 25600 - Modern Arab Theatre}
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Hunter Core
World Culture and Global Issues (WCGI
Pluralism and Diversity
PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab
world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and
women/gender.
3 hrs
cr.

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\section*{ARB 30000 - Problems in Arabic Literature and Culture}

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.
3 hours
3 credits

\section*{ARB 30100-Advanced Arabic I}

Emphasis on increased proficiency in reading, speaking and writing Arabic
prereq: ARB 20200 or equiv.
3 hrs
3 cr .

\section*{ARB 30200-Advanced Arabic II}

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr .

\section*{Minor in Chinese}

The Minor in Chinese consists of 12 credits. Students must take four courses at or above CHIN 200-level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

\section*{Minor in Classical Archaeology}

12 credits
CLA 20400 Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
CLA 22100 Greek Archaeology (W)
CLA 22200 Roman Archaeology I: Etruscans, Monarchy, Republic (W)

One other course in Classical Archaeology at the 200- or 300-level.

Note: CLA 204 is a prerequisite for all other Classical Archaeology courses.

\section*{Minor in Classical Studies}

12 Credits:
1. CLA 10100 - Classical Mythology
2. CLA 20100 - Greek Civilization (W)
3. CLA 20300 - Roman Civilization (W)
4. One course with a CLA prefix at the 200- or 300- level (e.g. literature in translation or upper-level culture courses)

Note: CLA 10100, CLA 20100, and CLA 20300 have no prerequisites

\section*{Minor in Hebraic Studies}

Minor: 12 credits

The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200-level or above, taught in English or in Hebrew. Two Hebrew language courses on 300-level or above may be used toward the minor requirement in lieu of two literature or culture courses.

\section*{Minor in Hebrew}

The Hebrew minor requires the successful completion of 12 credits at the 200 -level or above. Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

\section*{Minor in Japanese Language}

The Japanese Language Minor seeks to develop students' understanding of the Japanese language at an advanced level. With higher-level language courses, students will be exposed to more complex oral and written Japanese that will lead to a greater fluency in the language. To this end, the Japanese Language Minor requires completion of a minimum of 12 credits (4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement.

No grade below B- shall be considered to fulfill the requirements for this minor.

\section*{Students must complete the following course:}

\section*{JPN 20200 - Intermediate Japanese II}

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.

3 hrs

\section*{Students must take at least three of the following courses or an elective course approved by the department head ( 9 credit hours total):}

\section*{JPN 27100 - Japanese Reading: Recitation and Comprehension}

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.
prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor
3 hrs
3 cr .

\section*{JPN 30100 - Advanced Japanese I}

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
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prereq: JPN 20200 or equiv.

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3 hrs
\(3 c r\).

\section*{JPN 30200 - Advanced Japanese II}

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.
3 hrs
3 cr .

\section*{JPN 35100 - Advanced Japanese Conversation}

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.
prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr .

\section*{JPN 42103 - Independent Study in Japanese}

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

\section*{Minor in Japanese Studies}

The Japanese Studies Minor seeks to develop students' understanding of Japanese culture, while also fostering a broader understanding of Japan's influence in the world. The required culture classes (JPN 25100 and JPN 25200 ) will give students a foundation specifically in Japanese culture and society, and the additional elective courses offer students the option to customize the aspects of Japan they want to research.This minor is designed to be flexible and accommodate students who do not take Japanese language classes, but rather have an interest purely in Japanese culture. The majority of classes that satisfy this minor are taught in English, however some Japanese language classes can be used to fulfill it. Students who complete the minor will have a well-rounded perspective on Japanese history and contemporary issues that will give insight into Japan.

\section*{Minor in Japanese Studies: 12 credits}

No grade below B- shall be considered to fulfill these requirements.

\section*{Students must complete the following courses (6 credit hours)}

\section*{JPN 25100 - Japanese Culture Before 1600}

\author{
Pluralism and Diversity \\ PD/A \\ GER \\ 2/C
}

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr

JPN 25200 - Japanese Culture Since 1600

\section*{Pluralism and Diversity}

PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and
social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

\section*{Students must take at least two of the following elective courses or an elective course approved by the department head ( 6 credit hours total):}

\section*{JPN 27100 - Japanese Reading: Recitation and Comprehension}

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.
prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor
3 hrs
3 cr .

\section*{JPN 35100 - Advanced Japanese Conversation}

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered. prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr.

\section*{JPN 42103 - Independent Study in Japanese}

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
3 hrs
3 cr.

\section*{ASIAN 21000-Asians in the U.S.}

\section*{Hunter Core \\ I\&S \\ Pluralism and Diversity \\ PD/B}

Critical nterdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.
Recommended for but not required of AASP Minors.

3 hrs
3 cr .

\section*{ASIAN 22001 - Asian American Women Writers}
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Pluralism and Diversity
PD/B or C
Critical examination of Asian American women's identity formations in relation to factors such as racial ideology,
global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.
3 hrs
3cr.

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\section*{ASIAN 32001 - Nation, Self, and Asian Identity}
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Pluralism and Diversity
PD/B
Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with
particular emphasis placed upon juridical constructions of citizenship, community, and belonging.
3 hrs
cr.

- ASIAN 35152 Asian American Literature and Pop Culture

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\section*{FILM 21355 - National Cinema: Asian Cinema}

\section*{Pluralism and Diversity}

PD/A
GER
3/A
prereq: FILM 10100
4 hrs
3 cr .

\section*{HIST 27700 - East Asia to 1600}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/B
}

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 27800 - East Asia, 1600 to the Present
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

```

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD . Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
Students may petition for other courses to fulfill the elective requirement. No more than one class from other campuses or universities may be used to fulfill requirements.

\section*{Total credits required: 12 credits}

\section*{Minor in Latin or Ancient Greek}

Greek: 12 credits beyond GRK 10100/ GRK 10200
Latin: 12 credits beyond LAT 10100/ LAT 10200 or LAT 10700

\section*{Minor in Russian Language and Minor in Russian Literature and Culture}

The Program will encourage students to take the Russian minor. The minor consists of minimum of 12 credits. Students wishing to minor in Russian should either pass a proficiency test or take the language sequence of RUSS 10100 RUSS 10200 ; RUSS 20100 —RUSS 20200 . Courses taken toward the Russian minor could follow two tracks:

Track I: Russian Language Minor
Prerequisite:RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 \& RUSS 30200 ; RUSS 31700 or RUSS 31800 or RUSS 31900; plus one literature course taught in Russian.

Track II: Russian Literature and Culture Minor
Prerequisite:RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 \& RUSS 30200 and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

\section*{Other Programs}

\section*{Japanese Courses}

The following are the courses offered in Japanese language and culture.

\section*{Courses in Japanese Language/Culture}

\section*{JPN 10100 - Elementary Japanese I}
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Hunter Core
World Culture and Global Issues (WCGI)
Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and
conversation.
JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
3 hrs
cr.

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JPN 10200 - Elementary Japanese II

Continuation of 10100.
prereq: JPN 10100 or equiv.
3 hrs
3 cr .

\section*{JPN 20100 - Intermediate Japanese I}

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.
prereq: JPN 10200 or equiv.
3 hrs
3 cr .

JPN 20200 - Intermediate Japanese II

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
\(3 c r\).

\section*{JPN 30100 - Advanced Japanese I}

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
prereq: JPN 20200 or equiv.
3 hrs
3 cr .
JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.

3 hrs
3 cr .

\section*{JPN 25100 - Japanese Culture Before 1600}

\author{
Pluralism and Diversity \\ PD/A \\ GER \\ 2/C
}

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200). prereq: ENGL 120
3 hrs
3 cr

\section*{JPN 25200 - Japanese Culture Since 1600}

\section*{Pluralism and Diversity}

PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

\section*{Arabic}

\section*{ARB 10100-Beginning Arabic I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Appendix II: Foreign Language Requirement
3 hrs
3 cr .

\section*{ARB 10200-Beginning Arabic II}

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.
prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr .

\section*{ARB 14800 - Beginning Arabic for Heritage Speakers}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: perm of division head
3 hrs
3 cr .

\section*{ARB 14900 - Spoken Egyptian Arabic}

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.
prereq: ARB 10200 and permission of instructor
3 hours
3 credits

\section*{ARB 20000 - Topics in Arabic Literature and Culture}

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule. prereq: ENGL 12000 or equivalent
3 hrs .
3 cr .

\section*{ARB 20100 - Intermediate Arabic I}

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills. prereq: ARB 10200 or equiv.
3 hrs
3 cr .

\section*{ARB 20200 - Intermediate Arabic II}
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Continuation of ARB 20100
prereq: ARB 20100 or equiv.
3 hrs
3cr.

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\section*{ARB 24800 - Intermediate Arabic for Heritage Speakers}

This course is a continuation of ARB 14800 . It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book The course is not open to students who have taken the ARB 10100-30200 sequence.
prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr .

\section*{ARB 25000 - The Arab Novel (in translation) (W)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
prereq: \(E N G 22000\) or equiv.
3 hrs
3 cr .

\section*{ARB 25100-Arab Cinema (in translation)}

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25200 - Literatures from the Islamic World (W)}
```

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

```

A survey of literary genres and themes from the Islamic World from the 7th to the 15 th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25300 - Literatures and Cultures of Muslim Spain (W)}
```

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

```

A survey of the literary and cultural history of Muslim Spain, 8th -15 th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

\section*{ARB 25400 - The Arabian Nights East and West (W)}

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

\section*{ARB 25500 - Modern Palestinian Culture}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A}

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In
addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr .

\section*{ARB 25600 - Modern Arab Theatre}
```

Hunter Core
World Culture and Global Issues (WCGI_
Pluralism and Diversity
PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab
world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and
women/gender.
3 hrs
3cr.

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\section*{ARB 30000 - Problems in Arabic Literature and Culture}
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This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it
will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings
can be found on the on-line class schedule.
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000,
ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051,
GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL
33700W OR SOC 36200W.
3 hours
3 credits

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\section*{ARB 30100-Advanced Arabic I}

Emphasis on increased proficiency in reading, speaking and writing Arabic prereq: ARB 20200 or equiv.
3 hrs
3 cr .

\section*{ARB 30200-Advanced Arabic II}

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr .

\section*{Archaeology: Classical}

CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

\section*{Hunter Core}

World Culture and Global Issues (WCGI)

GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant. prereq: ENGL 12000
3 hrs
3 cr.

\section*{CLA 22000 - Aegean Archaeology (W)}

Pluralism and Diversity
PD/D
GER
3/A
Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 22100 - Greek Archaeology (W)}

Pluralism and Diversity
PD/D
GER
3/A
Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens. prereq: ENGL 12000; CLA 20400
3 hrs
3 cr .

\section*{CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)}

Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
3 cr .
fall only

\section*{CLA 22300 - Roman Archaeology II: The Archaeology of the Roman Empire}

The Mediterranean world under the Roman Empire: capital city of Rome and the provinces; architecture, painting, sculpture, daily life.
prereq: ENGL 12000; CLA 20300 -or- CLA 20400
3 hrs
\[
3 \mathrm{cr} .
\]
spring only

\section*{CLA 22500 - Archaeology of Egypt (W)}

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 22700 - Archaeology of Eastern Mediterranean (W)}

Pluralism and Diversity
PD/A
GER
3/A

Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 32200 - Archaeology of Mesopotamia and Iran (W)}

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLA 20400
3 hrs
3 cr .

\section*{CLA 32300 - Archaeology of Anatolia (W)}

\section*{Pluralism and Diversity}

PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia. prereq: ENGL 12000, CLA 20400
3 hrs
\(3 c r\).

\section*{CLA 32900 - Problems in Archaeology}

Exploration in depth of particular area or period in Old World archaeology. Topics vary.
prereq: ENGL 12000, two courses in classical archaeology
3 hrs
3 cr .

\section*{CLA 33000 - Field Seminar in Archaeology}

Open to majors only. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
prereq: ENGL 12000, perm dept.
6 cr . maximum

\section*{Chinese Culture and Literature in Translation}

\section*{CHIN 11100 - Chinese Culture I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3 cr .

\section*{CHIN 11200 - Chinese Culture II}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
3 cr .
CHIN 21100 - Topics in Chinese Culture

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.
3 hrs
3 cr .
CHIN 25100 - Topics in Chinese Literature in English Translation (W)

\author{
Hunter Core \\ Individual and Society (Humanities) -I\&S H \\ Pluralism and Diversity
}

GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{CHIN 35500 - Classical Chinese Fiction in English Translation (W)}
```

Pluralism and Diversity
PD/A
GER
3/A
Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey,
All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
cr.

```

\section*{CHIN 35700 - Chinese Poetry in English Translation (W)}

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{CHIN 39900 - Second Language Acquisition}

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr .

\section*{Chinese Language and Literature}

\section*{CHIN 10100 - Elementary Chinese I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy,please see Appendix II: Foreign
Language Requirement.
3 hrs
3 cr.
offered fall

\section*{CHIN 10200 - Elementary Chinese II}

Beginning course in Mandarin.

3 hrs
3 cr .
offered spring

\section*{CHIN 10500 - Chinese Writing System and Calligraphy I}

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours
3 credits
offered fall

\section*{CHIN 10600 - Chinese Writing System and Calligraphy II}

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours
3 credits
offered spring

\section*{CHIN 10700 - Intensive Elementary Chinese}

Equivalent to material covered in CHIN 10100 and CHIN 10200.

6 hrs
6 cr .

\section*{CHIN 20100 - Intermediate Chinese I}

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabularybuilding.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

\section*{CHIN 20200 - Intermediate Chinese II}
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Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3cr.
offered spring

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\section*{CHIN 20700 - Intensive Intermediate Chinese}

Equivalent to material covered in CHIN 20100 and CHIN 20200 .
prereq: CHIN 10200 or 10700
6 hrs
6 cr .

\section*{CHIN 30100 - Journalistic Chinese Literature I}

Intensive reading of literature and essays written in journalistic style. prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

\section*{CHIN 30200 - Journalistic Chinese Literature II}
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Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
cr.
offered spring

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\section*{CHIN 30300 - Classical Chinese Literature I}

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles. prereq: CHIN 20200 or equiv.
3 hrs
3 cr .
offered fall

\section*{CHIN 30400 - Classical Chinese Literature II}

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style. prereq: CHIN 303 or equiv.
3 hrs
3 cr.
offered spring

\section*{CHIN 30600-20th-century Chinese Literature}
```

Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3cr.

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CHIN 30700-Classical Chinese Poetry

Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi. prereq: CHIN 30400 or equiv.
3 hrs
3 cr .

\section*{CHIN 40100 - Advanced Studies in Chinese Literature}

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr .

\section*{CHIN 40200 - Independent Study in Chinese Literature}

Independent study and research in Chinese literature under supervision of a faculty member.
For majors only.
prereq: CHIN 40100, perm chair
3 hrs
3 cr .

\section*{Classical Literature (in English)}

\section*{CLA 25000 - Greek and Roman Tragedy (W)}
```

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

```

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr .

\section*{CLA 25100 - Ancient Comedy (W)}

\section*{Hunter Core}

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C
Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 25300 - Homer and Vergil (W)}
```

Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

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Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

\section*{CLA 25400 - The Ancient Novel in Translation (W)}

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
prereq: ENGL 22000 or perm instr.
3 hrs
3 cr .

\section*{Classics: Ancient Culture}

\section*{CLA 10100 - Classical Mythology}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr.

\section*{CLA 11000 - The Greek and Latin Roots of English}
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.

3 hrs
3 cr .

\section*{CLA 20100-Greek Civilization (W)}

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics. prereq: ENGL 12000
3 hrs
3 cr .

\section*{CLA 20200-Hellenistic Civilization (W)}

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000, CLA 20100 or 20400
3 hrs
3 cr .

\section*{CLA 20300 - Roman Civilization (W)}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities. prereq: ENGL 12000
3 hrs
3 cr.

\section*{CLA 24000 - Topics in Classics}

Examination of specific areas of classical culture, such as literature, language, or numismatics.
prereq: ENGL 120
3 hrs
\(3 c r\).

Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
\(3 c r\).

\section*{CLA 30300-Religion of Ancient Greece (W)}

\section*{Pluralism and Diversity \\ GER 3/A \\ The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice. prereq: ENGL 12000, CLA 10100 or 20100 \\ 3 hrs \\ 3 cr .}

\section*{CLA 30400 - Pagans and Christians (W)}

Pluralism and Diversity
PD/D
GER
3/A
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

\section*{CLA 30500 - Women and Slaves in Classical Antiquity (W)}

\section*{Pluralism and Diversity}

PD/C or D
GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class. cross-listed WGSC \(30500(\mathrm{~W})\) prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
\(3 c r\).

\section*{CLA 30600 - Special Studies in Ancient Greek Culture}

Examination of specific areas of Greek life. Topics vary from year to year. prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{CLA 30700 - Special Studies in Ancient Roman Culture}
```

Pluralism and Diversity
PD/D
Examination of specific areas of Roman life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3cr.

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CLA 30800 - Magic and Science in the Ancient World (W)

GER
3/A

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

\section*{CLA 31000 - Ancient Sports and Spectacles (W)}

Pluralism and Diversity
PD/D
GER
3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr .

\section*{CLA 42100 - Independent Study in Classics}

Open to majors only.
prereq: ENGL 12000, perm dept.
1-3 cr.

\section*{CLA 49100 - Honors in Classics}

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.
prereq: ENGL 12000, perm dept.
3 hrs
3 cr .
CLA 49800 - Internship
prereq: ENGL 12000, perm dept.
1-6 cr.

\section*{Greek}

\section*{GRK 10100 - Beginning Greek}
```

Hunter Core
World Culture and Global Issues (WCGI)
For credit policy on GRK }10100\mathrm{ without GRK }10200\mathrm{ please see Appendix II: Foreign Language Requirement.
3 hrs
3cr.
offered fall
GRK 10200-Beginning Greek
3 hrs
3cr.
offered spring
GRK 11000 - Greek Reading
prereq: GRK 10200 or equiv.
3 hrs
cr.
offered fall
GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
cr.

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GRK 20300 - Homer
prereq: GRK 11000 or equiv.
3 hrs
3 cr .
GRK 30100 - Plato II
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30200 - Euripides
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
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prereq: GRK 20200 or equiv.
3 hrs
3cr.

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GRK 30400 - Aristophanes and Menander
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

\section*{GRK 30500 - Attic Orators}
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 30700 - Sophocles
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

\section*{GRK 30800 - Aeschylus}
prereq: GRK 20200 or equiv.
3 hrs
3 cr .
GRK 30900 - Herodotus
prereq: GRK 202 or equiv.
3 hrs
3 cr .
GRK 31000 - Thucydides
prereq: GRK 20200 or equiv.
3 hrs
3 cr .

GRK 32000 - Topics in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.
prereq: GRK 20200 or equivalent
3 hrs
3 cr.
GRK 42100 - Independent Study in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr

\section*{Hebraic Culture}

\section*{HEBR 21000 - Selected Studies in Hebrew Literature in Translation}
```

Pluralism and Diversity
PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from
semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3cr.

```
HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)
Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr .

HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr

\section*{HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World}

\author{
Pluralism and Diversity \\ PD/A \\ GER \\ 3/A \\ A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material. \\ prereq: ENGL 12000 \\ 3 hrs \\ 3 cr .
}

\section*{HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

\section*{HEBR 22000 - Israeli Cinema}

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

\section*{HEBR 22100 - Modern Israeli Culture}
```

Hunter Core
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topisc relating to language, literature, history, rituals, politics,
music and education.
prereq: ENGL 12000
3 hours
3 credits

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\section*{HEBR 22200 - Introduction to Jewish Texts and Writings}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

\section*{HEBR 24000 - Introduction to the Old Testament}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

\section*{HEBR 25000 - Topics in Hebraic Studies}

\section*{Pluralism and Diversity}

PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr

\section*{HEBR 25900 - Old Testament Religion}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

\section*{HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)}
```

GER
3/A
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3cr

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HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr .

HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

HEBR 28800 - Ancient Hebraic Folklore

Pluralism and Diversity
PD/A
GER
2/C

Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apoyphal literature and rabbinic Aggada.
3 hrs
3 cr

HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East. 3 hrs
3 cr

\section*{HEBR 29200 - The Hebrew Prophets}

\author{
Hunter Core \\ Individual and Society (Humanities) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/C
}

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr
HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr

\section*{HEBR 29500 - Ancient Hebrew Law}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr
HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.

3 hrs
3 cr

\section*{Hebrew - Introductory Courses}

\section*{HEBR 10100 - Elementary Hebrew I}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 101 not credited without HEBR 102. \\ HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Appendix II: \\ Foreign Language Requirement. \\ 3 hrs \\ \(3 c r\).
}

\section*{HEBR 10200 - Elementary Hebrew II}

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
3 cr .

\section*{HEBR 10300 - Intensive Elementary Hebrew}

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
6 hrs
6 cr .

\section*{HEBR 10500 - Elementary Biblical Hebrew I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.
Not credited without HEBR 10600
3 hours
3 credits

\section*{HEBR 10600 - Elementary Biblical Hebrew II}

The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.
3 hours
3 credits

\section*{HEBR 20100 - Intermediate Hebrew I}

Continued practice in conversational Hebrew, grammar and composition.
prereq: HEBR 10200 or equiv.
3 hrs
3 cr .

\section*{HEBR 20200 - Intermediate Hebrew II}
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Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature. prereq: HEBR 20100 or equiv.
3 hrs
3 cr .

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\section*{HEBR 20500 - Intermediate Biblical Hebrew I}

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.
prereq: Biblical Hebrew 10600 or equivalent.
3 hours
3 credits

\section*{HEBR 20600 - Intermediate Biblical Hebrew II}

This is the 4th semester of the 4 -semester Biblical Hebrew series.
prereq: HEBR 20500 or equivalent.
3 hours
3 credits

\section*{Hebrew Advanced Courses}

\section*{HEBR 31000 - Modern Hebrew Literature I}

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
\(3 c r\)
HEBR 31100-Modern Hebrew Literature II

GER
3/A
Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .

\section*{HEBR 31500 - Biblical Literature: Pentateuch}

Pluralism and Diversity
PD/A
GER
3/A

Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr .
HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr
HEBR 31800 - Biblical Literature: Hagiographa

Pluralism and Diversity
PD/A
GER
3/A

Selections from Job, Proverbs, Psalms and the five Magillot. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

\section*{GER \\ 3/A}

Extensive reading of short stories from late 19th century to present, illustrating different literary trends. prereq: HEBR 20200 or equiv.
3 hrs
3 cr.
HEBR 32100 - Talmudic Literature

Pluralism and Diversity
PD/A
GER
3/A

Selections from Talmud and Midrash.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
```

prereq: HEBR 20200 or equiv.
3 hrs
3cr
HEBR 32500 - History of Modern Hebrew Literature
GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3cr

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HEBR 32600 - Hebrew Poetry Between the Two World Wars

\section*{GER}

3/A
Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman. prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32800 - Contemporary Hebrew Prose

GER
3/A

Study of prose of modern Israel, emphasizing works by Y. Shenhar, S. Yizhar, A. Meged, M. Shamir, A. Oz, A. Applefeld and A. B. Yehoshua.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 33100 - Medieval Hebrew Philosophic Texts

\section*{GER}

3/A

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

\section*{HEBR 35100-Hebrew Grammar and Composition}

Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

\section*{HEBR 35700 - Approaches to Main Problems in Hebraic Studies}

Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: HEBR 20200 or equiv.
3 hrs
\(3 c r\)

\section*{HEBR 37100 - Hebrew Conversation I}

Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.
prereq: HEBR 20100 or 3 years of high school Hebrew or equivalent; intensive practice in spoken language
3 hours
3 credits

\section*{HEBR 37200 - Hebrew Conversation II}

Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.
prereq: HEBR 20100 or 3 years of high school Hebrew; intensive practice in spoken language
3 hours
3 credits

\section*{HEBR 45100 - Selected Studies in Hebrew Literature}

\section*{Pluralism and Diversity}

PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
\(3 c r\)
HEBR 49000 - Independent Studies

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: permission of division head
hrs TBA
3 cr

\section*{HEBR 49100 - Honors Project}

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr .

\section*{Hebrew: Second Language Acquisition}

\section*{HEBR 39900 - Second Language Acquisition}

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr

\section*{Japanese}

\section*{JPN 10100 - Elementary Japanese I}
```

Hunter Core
World Culture and Global Issues (WCGI)
Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and
conversation.
JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Appendix II: Foreign
Language Requirement.
3 hrs
3cr.

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\section*{JPN 10200 - Elementary Japanese II}
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Continuation of 10100.
prereq: JPN 10100 or equiv.
3 hrs
3cr.

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JPN 20100 - Intermediate Japanese I

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.
prereq: JPN 10200 or equiv.
3 hrs
3 cr .

\section*{JPN 20200 - Intermediate Japanese II}
```

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
3cr.

```

\section*{JPN 25100 - Japanese Culture Before 1600}

\section*{Pluralism and Diversity \\ PD/A}

GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian - to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries - most notably China - to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).
prereq: ENGL 120
3 hrs
3 cr

\section*{JPN 25200 - Japanese Culture Since 1600}

Pluralism and Diversity
PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures - that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits
JPN 26100-Special Topics in Japanese Culture

Pluralism and Diversity
PD/A
GER

Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

\section*{JPN 27100 - Japanese Reading: Recitation and Comprehension}

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.
prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor
3 hrs
3 cr .

\section*{JPN 30100 - Advanced Japanese I}

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
prereq: JPN 20200 or equiv.
3 hrs
3 cr .

\section*{JPN 30200 - Advanced Japanese II}

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.
3 hrs
3 cr .

\section*{JPN 35100 - Advanced Japanese Conversation}

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.
prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr .

\section*{JPN 42101 - Independent Study in Japanese}

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
1 hr
1 cr .

\section*{JPN 42102 - Independent Study in Japanese}

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
2 hrs
2 cr .

JPN 42103 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.
prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
3 hrs
3 cr .

\section*{Latin}

\section*{LAT 10100 - Beginning Latin}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
For credit policy on LAT 10100 without LAT 10200, please see Appendix II: Foreign Language Requirement.
3 hrs .
3 cr.
offered fall

\section*{LAT 10200 - Beginning Latin}
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3 hrs.

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3 cr .
offered spring

\section*{LAT 10700 - Beginning Latin, Intensive}

\section*{6 hrs}

6 cr.
usually offered spring and summer

\section*{LAT 11000 - Latin Reading}
prereq: LAT 10200 or equiv.
3 hrs
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3cr.
offered fall

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LAT 20100 - Ovid's Metamorphoses
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
LAT 20200 - Roman Biography
prereq: LAT 11000 or equiv.
3 hrs
3 cr .

LAT 20300 - Vergil's Aeneid
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
LAT 20400 - Cicero's De Senectute
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prereq: LAT 11000 or equiv.
3 hrs
3cr.

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LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer
LAT 30200 - Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30300 - Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30400 - Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30500 - Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30600 - Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30700 - Lucretius' De Rerum Natura
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 30800 - Roman Epic
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 30900 - Lyric Poetry of the Golden Age
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31000 - The Roman Novel
prereq: LAT 20100 or equiv.
3 hrs
3 cr .

LAT 31100 - Elegiac Poets
prereq: LAT 20100 or equiv.
3 hrs
3 cr .
LAT 31200 - Livy
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prereq: LAT 20100 or equiv.
3 hrs
cr.
LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
cr.
LAT 31400-Tacitus
prereq: LAT 20100 or equiv.
3 hrs
3cr.

```

LAT 32000 - Topics in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.
prereq: LAT 20100 or 20200 or 20300 or equivalent
3 hrs
3 cr .

\section*{LAT 42100 - Independent Study in Latin Literature}

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr .

\section*{Russian and Slavic Studies: Polish Language}

\section*{POL 10100 - Elementary Polish}

POL 10100 usually not credited without POL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 6 hrs
6 cr.

POL 10200 - Elementary Polish

2 sems, 6 hrs
6 cr.
POL 20100 - Intermediate Polish I

3 hrs
\(3 c r\).

POL 20200 - Intermediate Polish II
prereq: POL 20100
3 hrs
3 cr .

\section*{Russian and Slavic Studies: Polish Literature in English Translation}

\section*{POL 25000-Topics in Polish Literature}

Pluralism and Diversity
PD/D
Example: the 19th century Polish novel.
3 hrs
3 cr .

POL 30000 - Independent Study in Polish Language and Literature

3 hrs
3 cr .

\section*{Russian and Slavic Studies: Russian Language}

\section*{RUSS 10100 - Elementary Russian}
```

Hunter Core
World Culture and Global Issues (WCGI)
Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
2 sems, 3 hrs
3 cr . each sem.

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\section*{RUSS 10200 - Elementary Russian}

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr . each sem.

\section*{RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.

6 hrs
6 cr .

\section*{RUSS 20100 - Intermediate Russian I}

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review. prereq: RUSS 10200 or 10300
3 hrs
3 cr .

\section*{RUSS 20200 - Intermediate Russian II}

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr.

\section*{RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)}

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
6 cr.

\section*{RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation}

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in \(20^{\text {th }}\) century. Designed for students interested in translation in any language.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{RUSS 39900 - Second Language Acquisition}

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 120
3 hrs
3 cr .

\section*{RUSS 49800 - Internship in Russian and Slavic Studies}

Students who enroll in the course can work in corporations, government agencies and non-profit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job-related experience. No more than 6 total internship credits can be taken. 3 credits count toward Russian major or minor. prereq: Russian 20200 or an equivalent, or by permission of the head of the program; ENGL 12000
3 cr.

\title{
Russian and Slavic Studies: Russian courses conducted in Russian
}

\section*{RUSS 30100 - Advanced Russian I}

Mastery of grammar in its application to writing, listening comprehension and oral expression. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 30200 - Advanced Russian II

GER
3/A

Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports. prereq: RUSS 20200 or equiv
3 hrs
3 cr .

\section*{RUSS 31200 - Advanced Russian Conversation I}

Conversation and oral exercises; discussions based on readings of social and cultural interest. Introduction to oral interpreting.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31300 - Advanced Russian Conversation II}

Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics. prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

\section*{RUSS 31400 - Reading Russian I}

Reading and critical analysis of selected literary and journalistic texts from various disciplines. Grammar review through reading.
```

prereq: RUSS 20200 or equiv.

```

3 hrs
\(3 c r\).

\section*{RUSS 31500-Reading Russian II}

In-depth study of syntax and idiomatic language to improve reading competency.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31700 - Practical Aspects of Translation}
```

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative
presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
3cr.

```

\section*{RUSS 31800 - Advanced Translation}

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation. prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 31900 - Business Russian}

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{Russian and Slavic Studies: Russian Literature in the Original}

\section*{RUSS 24500 - Russian Folklore: Slavic Myths and Traditions}

Common Slavic myths, traditions and social structures.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 24600 - Special Topics in Slavic Literature and Cultures}

Sample topic: fairy tales, satire.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 32100 - Russian Short Story and Novella}

Pluralism and Diversity
PD/D
GER
3/A

Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn. prereq: RUSS 20200 or equiv.

3 hrs
3 cr .

\section*{RUSS 32200-Classical Russian Poetry}

Pluralism and Diversity
PD/D
GER
3/A
Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
prereq: RUSS 20200 or equiv.
3 hrs
\(3 c r\).

\section*{RUSS 32300 - Modern Russian Poetry}
```

Pluralism and Diversity
PD/D
GER
3/A
Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.
prereq: RUSS 20200 or equiv.
3 hrs
$3 c r$.

```

RUSS 32400 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism

GER
3/A

Major literary works of the Kievan period, 968 to 1237: The Primary Chronicle, The Tale of Igor's Campaign. prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 34000-19th Century Russian Literature

GER
3/A

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{RUSS 34100 - Tolstoy and Dostoevsky}
```

Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.

```
```

prereq: RUSS 20200 or equiv.

```
prereq: RUSS 20200 or equiv.
3 hrs
3cr.
```


## RUSS 34200 - Modern Russian Literature

```
Pluralism and Diversity
PD/D
GER
3/A
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: RUSS 20200 or equiv.
3 hrs
3cr.
```


## RUSS 34300 - Russian Theater

Pluralism and Diversity
PD/D
GER
3/A
Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## RUSS 34400-The Silver Age of Russian Literature

Pluralism and Diversity
PD/D
GER
3/A
Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .
RUSS 36000 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A

Studies the contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. Readings and some writing in Russian.
cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

RUSS 49100 - Honors Project

Open to Russian majors only. Essay.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

## Russian and Slavic Studies: Russian Literature and Culture in English Translation

## RUSS 15500 - The Culture of Old Russia

Pluralism and Diversity
PD/D
GER
2/C

Religion, art, architecture and daily life in medieval Russia.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15600-Culture of Imperial Russia: the Age of Empresses

## Hunter Core

Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/C
Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great. cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
$3 c r$.

## RUSS 15700 - The Age of the Great Masters

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 15800 - Contemporary Russian Culture

## Hunter Core

Individual \& Society (I\&S) Humanities
GER
2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
3 cr .

## RUSS 25000-19th Century Russian Literature in English Translation (W)

## Hunter Core

Individual and Society (I\&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

## Hunter Core

Individual and Society Humanities (I\&S) H
Pluralism and Diversity
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr.

## RUSS 25200 - Modern Russian Literature in English Translation (W)

```
Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
cr.
```

RUSS 25300 - Russian Theater in English Translation (W)
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol
and others.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr .
RUSS 25500 - Russian Folklore, in Translation (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3cr.
```

RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation

Pluralism and Diversity
PD/D
Examples: the Russian cinema, Nabokov.
prereq: ENGL 12000
3 hrs
3 cr .

RUSS 25700 - Masterpieces of Russian Literature in English Translation

```
Examples: Chekhov's short stories or plays, Nabokov.
prereq: ENGL 12000
1 hr
l cr.
```

RUSS 25800 - Masterpieces of Russian Literature in English Translation

Example: Pasternak's Dr. Zhivago.
prereq: ENGL 12000
1 hr
1 cr.
RUSS 25900 - Masterpieces of Russian Literature in English Translation

Examples: Solzhenitsyn's Gulag, Pushkin stories, Gogol stories.
prereq: ENGL 12000
1 hr
1 cr .

RUSS 26000 - Russian Women Writers in English Translation (W)

```
Hunter Core
I&S
Pluralism and Diversity
PD/C
GER
3/A
```

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others.
cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
3 cr.

## RUSS 27000 - Soviet and Post-Soviet Cinema and Society (W)

Hunter Core<br>Individual and Society (Social Science) -I\&S SS<br>GER<br>2/C

Exploration of how Soviet cinema affected the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr .

## RUSS 27100 - East European Cinema (W)

## Pluralism and Diversity

PD/D
The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the films and discuss how various aesthetic and ideological approaches to filmmaking inform the cinema practice over time. The course will combine screening of East European films and class discussion of issues raised in these films. All students are expected to complete the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on the course blackboard after the film screenings. Informed class participation is strongly encouraged and will positively affect your final term grade.
prereq: ENGL 12000. The exams in this course consist of essay writing.
3 hrs.
3 cr .

## RUSS 29300 - Folklore in Translation: A Comparative Study

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
3 cr .
```


## RUSS 29400 - Folklore and Literature (W)

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A
```

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes. prereq: ENGL 12000
3 hrs
$3 c r$.

## RUSS 29500 - The Vampire in Lore and Literature (W)

## Hunter Core

Creative Expression (CE)

## GER

2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the $21^{\text {st }}$
century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr .

## RUSS 29600 - Vladimir Nabokov Between Two Cultures

## Hunter Core

Creative Expression (CE)
GER
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .
RUSS 29700 - The Russian Urban Novel in English Translation (W)

## Hunter Core

I\&S
GER
3/A

The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr .
RUSS 37000 - Independent Study in Slavic Literatures and Cultures
prereq: ENGL 120
3 hrs
3 cr .

## Russian and Slavic Studies: Ukrainian

UKR 30000 - Independent Study in Ukrainian Language and Literature

3 hrs
3 cr .

## Programs and Courses in Comparative Literature

## Comparative Literature

## About Comparative Literature

The major in comparative literature is designed for students who are interested in a broad view of literature and in the diversity of literary cultures. The study of comparative literature considers literary movements and genres, as well as techniques and recurring themes in world literature.

The study of comparative literature prepares students for careers in teaching, interpreting, and translating, as well as those professions that recognize the importance of a broad humanistic education, including law and medicine.

## Programs and Courses

## Administration and Faculty

Program Office:
1309 West
(212) 772-5129/5120

## Coordinator:

Paolo Fasoli
1318 West
(212) 772-5159
pfasoli@hunter.cuny.edu

Faculty

Comparative Literature Faculty
HEGIS Code: 1503

## Undergraduate Major

## Comparative Literature - BA

## Foundational Courses

Foundational Courses include courses in Comparative Literature and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Courses CUNY Common Core Foundational or Major

ENGL 12000 English Composition (EC)Foundational
ENGL 22000 English Composition (EC)Foundational

## Major Requirements

All majors take a core course in methodology, but the remaining classes in a student's program are arranged with the coordinator in an effort to work out a balance between two different bodies of literature, two different literary periods, and two different genres. In addition to comparative literature courses in prose fiction, drama, myth and folklore, literary movements, and literature and the arts, majors may also elect appropriate classes from other literature departments, as well as from such disciplines as history, philosophy, art and anthropology, with the approval of the coordinator. Upon becoming a major, a student will, in consultation with the coordinator, choose one member of the comparative literature committee as an adviser and plan an individualized program. All majors are required to review their programs with their adviser once a semester.

## The comparative literature major consists of 30 credits distributed as follows:

A. Concentration in at least two periods and in two genres.
B. At least 9 credits in COMP-prefixed courses, beginning with the following (all of these courses will be taught in English)

## COMPL 30100 - Seminar: Approaches to Comparative Literature

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary. Required of all majors in comparative literature.
3 hrs
3 cr.

## C. 21 credits in literature courses

distributed so that at least 12 credits are courses studied in the original language (be it a foreign language, if the student is proficient in that language, or English). Courses at the 300 level are strongly preferred, although exceptions may be granted by the adviser.

## Minor for Students Majoring in Comparative Literature

A 12 credit minor is recommended for students majoring in Comparative Literature. Students will be advised by their Comparative Literature faculty mentor to choose a discipline that will complement and enrich their major field of study.

## Honors

Students are eligible for departmental honors if their GPA in the major is no less than 3.5. The student must also take at least 3 credits (but no more than 6 credits) in honors courses offered by the program and approved by the adviser. The offerings of the Comparative Literature Program are determined by the needs of students in the program and the faculty available. For specific information, consult the coordinator.

## Programs and Courses in Computer Science

## Computer Science

## About the Department

The Department of Computer Science provides students with outstanding preparation both for employment as computer professionals and for graduate study. Students use a broad spectrum of programming languages and machine
architectures and are expected to construct creative solutions to challenging problems in a variety of contexts. In addition, students are educated in the mathematics of computer science - the theoretical foundations that support current technology and will guide its future development. Students may work with faculty who engage in research, publish books and articles in highly respected journals and receive grants to pursue significant research. The department takes an active interest in students' goals and provides extensive advising and guidance.

## Programs and Courses

# Administration and Faculty 

## Department Office:

1008 North
(212) 772-5213

Web site: http://www.cs.hunter.cuny.edu
Email: csinfo@hunter.cuny.edu

## Chair:

William Sakas
1008 North
(212) 772-5213
wsakas@hunter.cuny.edu

## Faculty

Computer Science Faculty
HEGIS Code: 0701

## Undergraduate Major

## Computer Science - BA

## Foundational Courses

Foundational Courses include courses in computer science and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000

3 hrs
3 cr .

## Hunter Core Requirement

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major

The computer science major consists of 41 credits in CSCI courses and a collateral 14 credits in MATH/STAT courses. An additional 6 credits of foundational courses (CSCI 12700 and MATH 12500 (STEM)) may be required.

## Required Courses

All computer science majors (except those following requirements for the Computer Science with Concentration in Bioinformatics - BA ) must complete successfully the following courses with a grade of C or better:

## CSCI 13500 - Software Analysis and Design I

```
This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .
```


## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## CSCI 16000 - Computer Architecture I

## GER

3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .

## CSCI 26000 - Computer Architecture II

## GER

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr .

## CSCI 26500-Computer Theory I

## GER

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 34000-Operating Systems

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
$4 c r$.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## Electives

## Students who declared their major in spring 2009 or before

Students who declared their major in or before spring 2009 are held bound by this rule: In addition to the preliminary and required courses, each major must complete 15 hours of elective credits from CSCI courses higher than 200-level with a grade of C or better. At least 12 elective credits must be in classes other than CSCI 39100 CSCI 39200 and CSCI 39300. With departmental permission, certain appropriate upper-level electives from other academic departments may be substituted. They are not required to take CSCI 49900, but may choose is as an elective.

## Students who declared their major after Spring 2009

Students who declared their major after spring 2009 take a minimum of 12 (rather than 15) elective credit hours and are required to successfully complete CSCI 49900 , after having successfully completed all other required courses for the major.

## Recommended course sequence for entering freshmen without credit for pre-calculus and without prior computer programming experience:

## Term 1

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

[^14]
## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr.

## Term 2

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment.
May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr .
Term 3

CSCI 16000 - Computer Architecture I

GER
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## Term 4

## CSCI 23500 - Software Analysis and Design II

GER
3/B
Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .
Term 5

CSCI 26000 - Computer Architecture II

GER
3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr .

## CSCI 33500 - Software Analysis and Design III

## GER

3/B
The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## MATH 16000 - Matrix Algebra

GER
1/B
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## Term 6

## CSCI 26500 - Computer Theory I

GER
3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata. prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr.

## Term 7

## CSCI 34000-Operating Systems

## GER

3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

- 2 CSCI electives


## Term 8

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
4 cr.
and 2 CSCI electives

## Additional Information

Students with both credit for pre-calculus and prior computer programming experience can begin with Semester 2.
Recommended course sequence for students with transfer credit for CSCI 13500, 15000 and 16000 and MATH 15000 and 15500:

## Term 1

## CSCI 23500 - Software Analysis and Design II

## GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr.

## CSCI 26000 - Computer Architecture II

## GER

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr.

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## Term 2

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 26500 - Computer Theory I

## GER

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## Term 3

## CSCI 34000-Operating Systems

## GER

3/B
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

- 2 CSCI electives


## Term 4

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
$4 c r$.

- and 2 CSCI electives


## Minor in Computer Science

A minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses - note that MATH 12500 (STEM) is a prerequisite course to CSCI 12700 however MATH 125 does not count towards the Computer Science Minor:

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr.

## CSCI 13300 - Programming for Everyone

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr .

## CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## CSCI 23300 - Programming Projects Seminar for Minors

This course will serve as a capstone for the minor, affording students the opportunity to write reasonably large and complex programs. Students will be expected to draw topics for these programs from their majors or other areas of interest. This course does not count toward the computer science major.
prereq or coreq: CSCI 13300 and 23200 and a declared Computer Science Minor.

2 hrs.
1 credit

In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 13500 or above. Although minors may take any Computer Science course numbered 135 or above, courses that require only one or more of the above courses as prerequisites include:

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment. May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## CSCI 16000 - Computer Architecture I

## GER

3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.
CSCI 26700 - Microprocessors and Embedded Systems

GER
3/B
Students will assemble and program a small single board computer to control, or simulate control of, some device.
prereq: CSCI 13300 or 26000
3 hrs
$3 c r$.
Note

All prerequisites must be fulfilled for any CSCI course. The only exception is a written waiver from the instructor.
Prospective minors should be aware that this course of study usually requires a minimum of four semesters to complete.

## Please note

Computer science majors cannot choose computer science for their minor.

## Minors for Computer Science Majors

Hunter College does not requires students to take a minor field of study in conjunction with their major. Nevertheless, we encourage students to pursue a minor. Interested students may wish to combine a computer science major with a minor in such fields as mathematics, geography, economics, film and media. In fact most disciplines would be appropriate as a minor depending on the student's interests.

Consult and adviser in the department of the minor you wish to pursue for further information.

## Honors

To graduate from Hunter College with honors in computer science, a student must have at least a 2.7 GPA overall and a 3.5 GPA or better in computer science/math and a grade of A in one of the CSCI 49300 series of courses.

## Additional Information

The "one repeat" rule is in effect for all courses to be used toward the major, from CSCI 13500 through the 400 -level courses. This means that if a student fails a CSCI major course once (failure $=\mathrm{D}, \mathrm{F}, \mathrm{NC}, \mathrm{WU}$ ), that student will have only one more chance to pass the course. In addition, the Computer Science Department will not accept a CR grade in any of the preliminary or required courses for the major (CSCI 13500, CSCI 15000, CSCI 16000, CSCI 23500, CSCI 26000 , CSCI 26500 ,CSCI 33500 , CSCI 34000 , CSCI 36000). Any student wishing to declare computer science as a major who has received a grade of CR in any of the CSCI courses listed above, must ask the instructor of that course to change the CR grade to the appropriate letter grade. This must be done before the declaration of major form can be authorized.

Please note: A grade of " $D$ " is not considered a passing grade by this department for any of the computer science or math courses required for the major.

## Computer Science with Concentration in Bioinformatics - BA

Return to Programs and Courses in Computer Science

This course of study will provide computer science majors with a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics, and computer science, with an emphasis on quantitative reasoning. Students opting to concentrate in bioinformatics are not required to take CSCI 26000, and CSCI 36000. Instead of 15 hours of 300 -level and 400 -level elective credits, the following requirements must be met:

## Foundational Courses

Foundational Courses include courses in computer science and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides. May not be used toward the CSCI major or minor. prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment. May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## Hunter Core Requirement

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## I. Required Foundational Courses (6 credits)

CSCI 12700 - Introduction to Computer Science

Hunter Core
Scientific World (SW)

## GER

2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .
A student may declare a concentration in bionformatics upon successful completion CSCI 13500 when declaring computer science as a major field of study.

## II. Required Courses for Concentration in Bioinformatics

Students must obtain a grade of C or better in the following courses:

## A. Computer science component 24 credits

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr .

## CSCI 16000 - Computer Architecture I

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

CSCI 23500 - Software Analysis and Design II

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15000; MATH 15000
3 hrs
3 cr.

## CSCI 26500 - Computer Theory I

GER
3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 33500 - Software Analysis and Design III

## GER

3/B
The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 34000-Operating Systems

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## CSCI 43500 - Database Management

## GER

3/B
Hierarchical and network databases; theory of relational databases; normalization theory; query languages.
prereq: CSCI 33500
3 hrs
3 cr .

## CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.
prereq: CSCI 13500 and CSCI 23200 or CSCI43500, or permission of the instructor
3 hrs
3 cr .

## B. Math and statistics component 17 credits

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .
STAT 21300 (STEM) - Introduction to Applied Statistics

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr.

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B

Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis. prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor). Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

## C. Biology component 12 credits

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{C}$ or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 42500 - Computational Molecular Biology

## GER

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

## D. Chemistry component 12 credits

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
$4 c r$.

## CHEM 10400 (STEM) - General Chemistry II

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
```

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## Total credits for Bioinformatics Concentration: 65

Total Credits for a students who is not exempted from any foundational classes: 71

## Additional Information

Prerequisites for certain courses are waived for students opting for this concentration. BIOL 102 is waived for BIOL 203. CSCI 26000 is waived for CSCI 34000 . Other prerequisites must be satisfied. Students who plan to apply to graduate school in Computer Science are recommended to take CSI 26000, 36000 and 36500.

## Recommended course sequence for students in the bioinformatics concentration:

## Term 1

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor. prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## Term 2

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr.

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment.
May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr .

## Term 3

## CSCI 16000 - Computer Architecture I

## GER

3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## BIOL 10000 (STEM) - Principles of Biology I

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
```

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## Term 4

## CSCI 23500 - Software Analysis and Design II

## GER

3/B
Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
$3 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100 .
prereq or coreq: MATH 12500, 15000 or equiv.

5 hrs (4 lec, 1 rec$)$
4 cr.

## Term 5

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)

## GER

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## Term 6

## CSCI 26500 - Computer Theory I

## GER

3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata. prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 34000-Operating Systems

## GER

3/B
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## MATH 16000 - Matrix Algebra

## GER

1/B
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
$3 c r$.

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

## Term 7

## CSCI 43500 - Database Management

## GER

3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages. prereq: CSCI 33500
3 hrs
3 cr .

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B
Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor). Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
$3 c r$

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## Term 8

## CSCI 49366 - UNIX System Programming

## GER

3/B

An introduction to the key components of the UNIX application programming interface, including files, processes, terminal control, signals, interprocess communication, the ncurses library, and multi-threading. Includes basic of the internal structure of the UNIX operating system, and selected user-level utilities and commands for efficient programming and working in UNIX.
prereq or coreq: CSCI 23500, 34000
3 hours
3 credits

## BIOL 42500 - Computational Molecular Biology

## GER

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

## Undergraduate Minor

## Minor in Computer Science

An applied minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses - note that MATH 12500 is a prerequisite course to CSCI 12700 however MATH 125 does not count towards the Computer Science Minor:

- CSCI 12700 - Introduction to Computer Science ( 3 credits, 3 hours)
- CSCI 13300 - Programming for Everyone ( 3 credits, 3 hours)
- CSCI 23200 - Relational Databases and SQL Programming, with Lab (3 credits, 3 hours)
- CSCI 23300 - Programming Projects Seminar for Minors (1 credit, 2 hours)

In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 135 or above. Although you may take any Computer Science course numbered 135 or above, courses that require only one or more of the above courses as prerequisites include:

- CSCI 13500 - Software Analysis and Design I (3 credits , 3 hours) and CSCI 13600 - Supervised Programming Lab (1 credit, 2 hours)
- CSCI 15000 - Discrete Structures (4 credits, 4 hours)
- CSCI 26700 - Microprocessors and Embedded Systems (3 credits, 3 hours)
- CSCI 16000 - Computer Architecture I ( 3 credits, 3 hours)


## Computer Science

## CSCI 11500 - Computer Technology in Childhood Education

Open only to students in QUEST program. Students learn to use a number of software tools and applications that can be infused into the curriculum of the elementary school. Includes a focus on information retrieval using Internet resources and use of such application packages as Miosoft Excel, Miosoft Power Point, Inspiration and Timeliner. prereq or coreq: QSTA 40000
3 hrs (1 lec, 2 lab)
2 cr .

## CSCI 12000 - Introduction to Computers

## Hunter Core

Scientific World (SW)
GER
2/E

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues. This course cannot be counted towards the CSCI major prereq: none
3 hrs
3 cr .

## CSCI 12100 - Computers and Money: Quantitative Reasoning in Context

## Hunter Core <br> Math and Quantitative Reasoning (MQR) <br> GER <br> 1/B

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics-stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet- based approach to understanding issues of money and personal finance.
This course cannot be counted towards the CSCI major.
prereq: none

## CSCI 12700 - Introduction to Computer Science

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

A technical introduction to computer science. Organization of hardware, software, information and an introduction to programming. This course is meant for: potential computer science majors who may not be prepared for CSCI 13500; science majors who need some basic computer knowledge; and non-CSCI majors who want a more rigorous introduction to the field than CSCI 120 provides.
May not be used toward the CSCI major or minor.
prereq or coreq: MATH 12100, 12500 or 15000
3 hrs
3 cr .

## CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

## CSCI 13300-Programming for Everyone

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr .

## CSCI 13500 - Software Analysis and Design I

This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.
prereq: CSCI 12700 or equivalent
coreq: CSCI 13600
3 hrs
3 cr .

## CSCI 13600 - Supervised Programming Lab

Students work in small teams to complete weekly programming assignments under the supervision of an instructor. Assignments are at the level of material covered in CSCI 135 and CSCI 127 though this is not a recitation or review section for either course. Emphasis is on solving problems in a cooperative programming environment. May not be counted towards the computer science major.
coreq: CSCI 13500
2 hrs
1 cr .

## CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12500, 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

## CSCI 16000 - Computer Architecture I

## GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits. prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr .

## CSCI 17200 - Topics in Creative Problem Solving

CSCI 172 is a pass/fail (CR/NC) faculty-supervised workshop that meets ten times per semester. Each workshop explores a different applied topic in computer science. An undergraduate peer leader presents slides, guides discussions, and engages the participants in activities that emphasize collaborative problem solving. This course explores the role of teamwork and in-class activities to improve student retention, with particular interest in underrepresented populations in computer science.

Special conditions: The course meets 10 times for 1 hour 15 minutes ( 75 minutes). Adjusted for credit hours, the semester total is the 15 hours required for a 1 -credit course. The class meets on the bell schedule for ten 75 -minute sessions per semester. The special conditions are that CSCI 172 meets once rather than twice a week and meets during only ten of the 15 weeks of the semester.
1 hr
1 cr .

## CSCI 18100 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computeraided instruction.
Credits may not be used toward the computer science major.
prereq: declared computer science major with 18 credits completed in the department
1-3 hrs
1-3 cr.

## CSCI 18200 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computeraided instruction.

Credits may not be used toward the computer science major.
prereq: declared computer science major with 18 credits completed in the department
1-3 hrs
1-3 cr.

## CSCI 18300 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computeraided instruction.
Credits may not be used toward the computer science major.
prereq: declared computer science major with 18 credits completed in the department
1-3 hrs
1-3 cr.

## CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## CSCI 23300 - Programming Projects Seminar for Minors

This course will serve as a capstone for the minor, affording students the opportunity to write reasonably large and complex programs. Students will be expected to draw topics for these programs from their majors or other areas of interest. This course does not count toward the computer science major.
prereq or coreq: CSCI 13300 and 23200 and a declared Computer Science Minor.
2 hrs.
1 credit

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15000; MATH 15000
3 hrs
3 cr.

## CSCI 24500 - Computer Architecture II

GER
3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 145, CSCI 150, MATH 150
3 hrs
3 cr .

## CSCI 26000 - Computer Architecture II

GER
3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr.

## CSCI 26500 - Computer Theory I

GER
3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata. prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr .

## CSCI 26700 - Microprocessors and Embedded Systems

## GER

3/B
Students will assemble and program a small single board computer to control, or simulate control of, some device.
prereq: CSCI 13300 or 26000
3 hrs
3 cr .

## CSCI 33500 - Software Analysis and Design III

## GER

3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.
prereq: CSCI 23500, MATH 15500
3 hrs
3 cr .

## CSCI 34000-Operating Systems

## GER

3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/ multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation. prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr .

## CSCI 35000 - Artificial Intelligence

## GER

3/B
A survey of artificial intelligence including search and control, knowledge representation, logic and theorem proving, learning, natural language and AI programming.
prereq: CSCI 235
3 hrs
3 cr .

## CSCI 35300 - Machine Learning

Machine learning is the subfield of artificial intelligence that learns to predict and classify from data. This interdisciplinary course explores how a machine learns to predict and classify.
prereq: Prerequisites: CSCI 23500 and CSCI 15000, or permission of the instructor
3 hrs.
3 cr.

## CSCI 35500 - Introduction to Linear Programming

GER
3/B

Introduction to operations research and game theory. Simplex method; inconsistency, redundancy and degeneracy problems; two-phase method; duality; transportation problems.
prereq: CSCI 235, MATH 160

3 hrs
3 cr .

## CSCI 36000 - Computer Architecture III

## GER

3/B

High performance computer architectures, including massively parallel SIMD and MIMD machines and distributed architectures.
prereq: CSCI 26000 or 24500; MATH 15500
3 hrs
3 cr .

## CSCI 36500 - Computer Theory II

## GER

3/B

Turing machines, Post machines, Post's theorem, Minsky's theorem. Determinism and non-determinism.
Undecidability, the halting problem. Recursive function theory.
prereq: CSCI 265
3 hrs
3 cr .
CSCI 39100 - Independent Study in Computer Science

GER
3/B

Independent work, under the direction of a faculty member, in practical aspects of computing.
CSCI 39100 is repeatable up to a total of 6 credits; however, no more than a total of three Independent Study credits may be used toward the computer science major.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 39200 - Independent Study in Computer Science

## GER

3/B

Independent work, under the direction of a faculty member, in practical aspects of computing.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

CSCI 39300 - Independent Study in Computer Science

GER
3/B

Independent work, under the direction of a faculty member, in practical aspects of computing.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 39400 - Topics in Computer Science

## GER

3/B

An introduction to programming in Python, Perl and PHP.
prereq: Prerequisites vary by topic and are announced prior to registration.
2 hrs
2 cr .

## CSCI 39500 - Topics in Computer Science

## GER

3/B

Topics include internet security, web programming, genetic algorithms, expert systems and others.
Prerequisites vary with specific topics and are announced prior to registration.
3 hrs
3 cr .

## CSCI 40500 - Software Engineering

## GER

3/B

Problems in large-scale software development including functional analysis of information processing systems, system design concepts, timing estimates, documentation and system testing.
prereq: CSCI 33500
3 hrs
3 cr .

## CSCI 41500 - Data Communications and Networks

## GER

3/B
A broad technical introduction to the components, protocols, organization, industry and regulatory issues that are fundamental to the understanding of contemporary computer networks.
prereq: CSCI 33500, 34000
3 hrs
3 cr .
CSCI 43500 - Database Management

GER
3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.
prereq: CSCI 33500
3 hrs
3 cr.

## CSCI 45000 - Language Translation

## GER

3/B
The theory and application of language recognition and analysis techniques, as they pertain to both formal programming languages and to natural languages. Includes lexical, syntactic and semantic analysis methods, as well as discussions of efficient data representation.
prereq: CSCI 26500, 33500
3 hrs
3 cr .

## CSCI 46000 - Advanced Programming Languages

## GER

3/B
Survey course on the design and implementation of modern programming languages. Includes object-oriented, functional, logic and concurrent/ distributed paradigms.
prereq: CSI 26500, 33500
3 hrs
3 cr .

## CSCI 49300 - Honors Seminar

## GER

3/B

Topics include Unix systems programming, computer law, 3D vision, Windows programming, neural networks, speech and language processing, fuzzy systems and other areas. Prerequisites vary with specific topics and are announced prior to registration.
prereq: Prerequisites vary with specific topics and are announced prior to registration.
3 hrs
3 cr .

## CSCI 49366 - UNIX System Programming

## GER

3/B

An introduction to the key components of the UNIX application programming interface, including files, processes, terminal control, signals, interprocess communication, the ncurses library, and multi-threading. Includes basic of the internal structure of the UNIX operating system, and selected user-level utilities and commands for efficient programming and working in UNIX.

3 hours
3 credits

## CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.
prereq: CSCI 13500 and CSCI 23200 or CSCI43500, or permission of the instructor
3 hrs
3 cr .

## CSCI 49600 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 49700 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 49800 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.
prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

## CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages. prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.

## Programs and Courses in Dance

## Dance

return to Section XI: School of Arts and Sciences

## About the Department


#### Abstract

The Hunter College Dance Department offers an opportunity to pursue a BA degree in dance with in the context of a strong liberal arts education. From a campus in the heart of New York City, the dance major or minor student has the unique opportunity of interfacing with many professional dance companies, choreographers and researchers who live and work in New York. The contemporary dance-based curriculum provides the student with the opportunities to pursue careers in performance, choreography, teaching, arts administration and production and is unique in its focus on individual creativity and reflection. All dance majors are required to choreograph, perform, and participate actively in the close-knit artistic community. The curriculum is enriched by community outreach performances, repertory classes with New York-based choreographers, guest artist workshops, and internship opportunities. Through our collaboration with Hunter's School of Education, students can also pursue BA or BA/MA degrees in Dance Education, leading to initial certification as a teacher in New York State.


The Dance major emphasizes three areas of study:

- Movement Practice: modern/contemporary dance, ballet, urban dance forms, traditional global dance forms, yoga.
- Creativity \& Performance: improvisation, dance composition, repertory, production, lecture-demonstration touring company, and participation in annual dance department concerts.
- Dance Studies: musicianship for dancers, dance history, teaching methods, anatomy and kinesiology, special topics in dance.


## Course Listings

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework is completed in time for graduation.

## Programs and Courses

Programs and Courses in Dance
Dance Education Pre-K-12

## Administration and Faculty

Department Office:

## 614 Thomas Hunter

(212) 772-5012

Web site: http://www.hunter.cuny.edu/~dance/

Interim Department Chair:
Carol Dilley
614 Thomas Hunter
(212) 772-5010

## Faculty

Dance Faculty
HEGIS Code: 1008

## Undergraduate Major

## Dance - BA

## Foundational Courses

Foundational Courses include courses in dance and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. All students must take a technique placement class prior to the beginning of each semester in order to gain permission for registration. Students should check the department website for placement class dates.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

In the case of Dance, the courses that meet CCC are:

## Courses CUNY Common CoreFoundational or Major

DAN 23200 Creative Expression Foundational
DAN 10200 Creative Expression Foundational

## The following 34-credit curriculum is required of all majors.

Note: All dance technique classes may be taken two times for credit.

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr.

## DAN 21000 - Contemporary Dance Technique I

## GER

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .

## DAN 21300 - Basic Musicianship for Dancers

## GER

3/A

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 21000
3 hrs
2 cr .

## DAN 22000 - Contemporary Dance Technique II

## GER

3/A
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
$2 c r$.

## DAN 22100 - Improvisation as a Creative Process I

## GER

3/A
Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .

## DAN 23200-20th-Century Dance History

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
3 cr .

## DAN 24500 - Ballet I

## GER

3/A
Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
$2 c r$.

## DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity

GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.
prereq: DAN 22000, or perm. depart.
4 hrs
$2 c r$.

## DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity

## GER 3/A

Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department

4 hrs
2 cr .

## DAN 32100 - Composition I

## Pluralism and Diversity <br> GER 3/A

Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.
prereq: DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr .

## DAN 32400 - Production I

## GER

3/A

Practical experience in all aspects of production that contribute to realization of student's choreographic intentions: costumes, sets, lighting, publicity and business skills.
prereq: DAN 32200 or perm dept.
3 hrs, 3 hrs open studio
3 cr .

DAN 34500 - Ballet II

## GER

3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
2 cr .

## DAN 35000 - Anatomy and Kinesiology for Dancers

## GER

3/A
Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, perm dept.

3 hrs
3 cr .

## DAN 42200 - Choreographic Projects

## GER

3/A

Independent student choreographic works in preparation for performance in concert. Registration once per academic year.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32100
4 hrs
$3 c r$.
DAN 44000 - Lecture/Demonstration Touring Group

## GER

3/A

Performance of prescribed choreography in lecture/ demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, 22100, 24500, perm dept.
4 hrs
3 cr .

## Major

(34 credits)
A placement audition is required of all incoming majors. All dance majors are required to be registered in at least one technique class every semester they are in attendance at Hunter. Performance, choreography and technical production requirements are to be fulfilled prior to graduation. These requirements include:

1. Performance in at least two (2) concerts.
2. Choreography of at least two (2) works:
a. solo performed in open composition.
b. group work developed during fall and spring semesters and performed in formal concert.
3. Production crew work in two (2) formal concerts.

Note: All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

All dance students should be aware that completion of a dance technique course for a passing grade does not automatically guarantee acceptance into the next level of technique. For example, if you pass the Fundamentals of Contemporary Dance course, you may not necessarily be admitted to Contemporary Dance Technique I.

Your instructor will, at the end of the current course, advise you to either repeat the course for credit or to move on to the next level. (You can take technique courses twice for credit, and it is also possible to audit thereafter.) It is neither safe nor constructive to place yourself in a class that is not appropriate for your skill level. The quality of your dance education is of utmost importance to us - this policy is designed to maintain the highest standards of learning and achievement.

All dance majors are required to register for at least one technique course every semester they are enrolled at Hunter College.

## Additional Information

The undergraduate adviser suggests the appropriate sequence of electives for the career specialization the student chooses.

## Prerequisites for all dance majors:

Attendance at placement class audition prior to the beginning of the semester.
Meeting with Dance Adviser prior to declaration of major.

## Dance Education

Students planning to teach Dance in Pre-K through 12th grade should look at Dance Education Pre-K - 12 of the The School of Education for requirements and program.

## Minor in Dance

The Hunter College Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field.

## Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

## DAN 10100 - Fundamentals of Contemporary Dance Technique

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
2 cr .

DAN 10200 - Dance, Dancers and the Audience

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
GER 2/D
Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
3 cr .

## Additional required courses

DAN 21000 - Contemporary Dance Technique I

## GER

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .
DAN 22100 - Improvisation as a Creative Process I

## GER

3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
$2 c r$.

1 additional dance technique course, selected from the following:

## DAN 14500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
2 cr .

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

## DAN 22000 - Contemporary Dance Technique II

## GER

3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr .

## DAN 24500 - Ballet I

## GER

3/A
Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
2 cr .

## DAN 25200 - Special Topics: Traditional Dance I

## Pluralism and Diversity

GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: placement class
4 hrs
2 cr .

## DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity <br> GER 3/A <br> Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.

prereq: DAN 22000, or perm. depart.

4 hrs
2 cr .

## DAN 32000 - Contemporary Dance Technique IV

```
Pluralism and Diversity
GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on
clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department
4 \text { hrs}
2cr.
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DAN 34500 - Ballet II

## GER

3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
2 cr .

## DAN 35200 - Special Topics: Traditional Dance II

## Pluralism and Diversity

PD/A
GER
3/A

Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr .
Plus a minimum of 6 additional credits in dance

A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):
Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)
Additional Requirements of the Dance Minor

Participation on one production crew team for a fully produced dance program concert.
Performance in at least one Hunter dance concert.
Note:

Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

## Grading

All dance majors and minors must receive a letter grade for all dance classes. Grades of "NC" or "CR" are not permissible.

## Undergraduate Minor

## Minor in Dance

The Hunter College Dance Program Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field, from performance and creative work to analysis, production and pedagogy.

## Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

## DAN 10100 - Fundamentals of Contemporary Dance Technique

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
2 cr .

DAN 10200 - Dance, Dancers and the Audience

## Hunter Core

Creative Expression (CE)

## Pluralism and Diversity

## GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

3 hrs
3 cr .

## Additional required courses

## DAN 21000 - Contemporary Dance Technique I

## GER

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr .

DAN 22100 - Improvisation as a Creative Process I

## GER

3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .
1 additional dance technique course, selected from the following:

## DAN 14500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
2 cr .
DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

DAN 22000 - Contemporary Dance Technique II

GER
3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design.
Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr .

DAN 24500 - Ballet I

GER
3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
2 cr .

DAN 25200 - Special Topics: Traditional Dance I

## Pluralism and Diversity

GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: placement class
4 hrs
2 cr .

DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity

GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.
prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity

GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department.
prereq: DAN 31000, permission of department
4 hrs
$2 c r$.

## DAN 34500 - Ballet II

## GER

3/A
Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
$2 c r$.

## DAN 35200 - Special Topics: Traditional Dance II

## Pluralism and Diversity

PD/A
GER
3/A
Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
$2 c r$.

## A minimum of 6 additional credits in dance

A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):
Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)

## Participation on one production crew

Participation on one production crew team for a fully produced dance program concert

## Note:

Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

## Dance: Creative Theory and Performance Courses

## DAN 22100 - Improvisation as a Creative Process I

## GER

3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.
prereq or coreq: DAN 21000 or perm dept.
4 hrs
2 cr .

## DAN 32100 - Composition I

## Pluralism and Diversity

## GER 3/A

Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.
prereq: DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr .

DAN 32400 - Production I

GER
3/A

Practical experience in all aspects of production that contribute to realization of student's choreographic intentions: costumes, sets, lighting, publicity and business skills.
prereq: DAN 32200 or perm dept.
3 hrs, 3 hrs open studio
3 cr.

DAN 42100 - Composition II

GER
3/A

Continued application of basic principles of composition; conception, planning and realization of complete dances; preparation of dances for concert by integrating all aspects of production. Two additional hours of open studio are recommended for this course.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32100, perm dept.
4 hrs, 2 hrs open studio
2 cr .

## DAN 42200 - Choreographic Projects

## GER

3/A

Independent student choreographic works in preparation for performance in concert. Registration once per academic year.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32100
4 hrs
3 cr .

## DAN 42400 - Production II

## GER

3/A

Practical application of advanced production skills.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32400
$3 \mathrm{hrs}, 3 \mathrm{hrs}$ open studio
3 cr .

## DAN 43200 - Repertory I

## GER

3/A

Open to dance majors and minors only. Performance course for advanced students. A dance is learned from professional choreographer's repertory and performed in concert. The choreographer and choreographic material change every semester. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq or coreq: DAN 31000, 32100 or perm instr, audition
$4 \mathrm{hrs}, 2 \mathrm{hrs}$ open studio
3 cr .

## DAN 43300 - Repertory II

## GER

3/A
Open to dance majors and minors only. Continuation of DAN 43200. A new dance is created by a professional choreographer and performed in concert. The choreographer and choreographic material change every semester. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32000, 43200 or perm instr, audition
4 hrs, 2 hrs open studio
3 cr .

## DAN 44000 - Lecture/Demonstration Touring Group

## GER

3/A

Performance of prescribed choreography in lecture/ demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, 22100, 24500, perm dept.
4 hrs
3 cr.

## Dance: Technique Courses

## DAN 10100 - Fundamentals of Contemporary Dance Technique

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
2 cr .

## DAN 14500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken two times for credit with permission of the department.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr .
3 hrs
$2 c r$.

## DAN 15100 - Folk Forms of Dance I

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures.
Open to dance majors and minors only.
3 hrs
1 cr .

## DAN 21000 - Contemporary Dance Technique I

## GER

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken twice for credit with permission
of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
$2 c r$.

## DAN 22000 - Contemporary Dance Technique II

## GER

3/A
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be taken twice for credit with permission of the department.
prereq: DAN 21000, perm dept, or placement class
4 hrs
$2 c r$.

## DAN 24500 - Ballet I

## GER

3/A
Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken twice for credit with permission of the department.
prereq: DAN 14500, perm dept, or placement class
4 hrs
2 cr .

## DAN 25100 - Folk Forms of Dance II

## GER

3/A
Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills.
prereq: DAN 15100
3 hrs
1 cr .

## DAN 25200 - Special Topics: Traditional Dance I

## Pluralism and Diversity <br> GER 3/A PD/A <br> Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department. <br> prereq: placement class <br> 4 hrs <br> 2 cr .

## DAN 31000 - Contemporary Dance Technique III

## Pluralism and Diversity <br> GER 3/A <br> Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken twice for credit with permission of the department.

prereq: DAN 22000, or perm. depart.
4 hrs
2 cr .

DAN 32000 - Contemporary Dance Technique IV

## Pluralism and Diversity <br> GER 3/A <br> Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken twice for credit with permission of the department. <br> prereq: DAN 31000, permission of department <br> 4 hrs <br> 2 cr .

DAN 34500 - Ballet II

GER
3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken twice for credit with permission of the department.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 24500 , or perm. dept.
4 hrs
2 cr .

## DAN 35200 - Special Topics: Traditional Dance II

## Pluralism and Diversity

PD/A
GER
3/A

Continuation of DAN 25200.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr.

## DAN 44500 - Ballet III

Advanced-level ballet technique. Continued study of classical ballet vocabulary, with reference to historic and contemporary stylistic conventions. Emphasis on advanced proficiency of dance concepts, application of sound anatomical practices, and refinement of musicality and artistic interpretation. May be taken two times for credit with permission of the department.
prereq: DAN 34500 or permission of department
4 hrs
2 cr .

## Dance: Theoretical and Scientific Aspects of Dance Courses

## DAN 10200 - Dance, Dancers and the Audience

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
GER 2/D
Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 12 cr.
3 hrs
3 cr .

## DAN 21300 - Basic Musicianship for Dancers

## GER

3/A

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 21000
3 hrs
2 cr .

DAN 23200-20th-Century Dance History

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs
$3 c r$.

## DAN 35000 - Anatomy and Kinesiology for Dancers

## GER

3/A
Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 22000, perm dept.
3 hrs
3 cr .

## DAN 46100 - Seminar in Dance

## GER

3/A
Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the sociopolitical climate of our times in relation to art.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 31000, DAN 32100
3 hrs
3 cr .

## DAN 48000 - Independent Study in Dance

## GER

3/A
In-depth study in area of special interest for qualified students under direction of faculty adviser.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 15 dance received at Hunter, major GPA 3.0, overall GPA 2.5. Open to dance majors and minors only.
3-9 hrs
1-3 cr.

## DAN 49000 - Honors in Dance

## GER

3/A
Open to $\mathrm{Jr} / \mathrm{Sr}$ Dance majors only. Individual study leading to completion of honors essay or production book in creative performance.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors
and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 18 dance , major GPA 3.5, overall GPA 2.8
hrs TBA
1-3 cr.

## DAN 49800 - Internship

## GER

3/A
Open to dance majors with 15 credits in dance from Hunter.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32400
hrs TBA
3-6 cr.

## Programs and Courses in Economics

## Economics

About the Department<br>Department Description<br>Programs and Courses<br>Programs and Courses in Economics<br>Administration and Faculty<br>Department Office:<br>1524 West<br>(212) 772-5400<br>Web site: http://econ.hunter.cuny.edu<br>\section*{Acting Chair:}<br>Partha Deb<br>1529 West<br>212-772-5435<br>partha.deb@hunter.cuny.edu<br>\section*{Director of Accounting Program:}<br>\section*{Fatma Cebenoyan}<br>1521 West<br>212 772-5393<br>fcebenoy@hunter.cuny.edu

## Faculty

Economics and Accounting Faculty
HEGIS Codes: 2204 (Economics), 0502 (Accounting)

## Undergraduate Major

## Accounting - BS

The degree of bachelor of science (accounting) offered at Hunter College fulfills educational requirements for the CPA examination in New York State. Candidates pursuing licensure in New York State will need to complete 150 college credits including ACC 49000 - Accounting \& Auditing Research . An appropriate masters degree, while not required, is another path to licensure. For information on the MS in Accounting at Hunter College, see the Hunter College Graduate Catalog.

All students contemplating a career in accounting should request an interview with the accounting program adviser during the lower freshman term. To assure completion of the BS (accounting) degree within four years, a full-time student should begin the accounting major sequence in the upper freshman term, if possible, and no later than the lower sophomore term, by registering for ACC 27100

## Hunter Core Requirement

Note: Several courses leading to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

In the case of the accounting major, the courses that meet CCC are:

| Course | CUNY Common Core |
| :--- | :--- |
| MATH 12500 (STEM) Math/Quantitative Reasoning |  |

MATH 15000 (STEM) Math/Quantitative Reasoning
ECO 20000 Scientific World

ECO $20100 \quad$ Individual and Society
Please note that no more than two courses from any one department will count for the CUNY Common Core.
Foundational Courses (0-7 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr .
(depending on results of Math placement exam) (3 credits)

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>\section*{GER}<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.
(depending on results of Math placement exam) (4 credits)

## Major

The Department of Economics offers a major leading to the BS in accounting, requiring a minimum of 34 credits of accounting, 33 credits of other professional studies and an additional 7 credits of Allied required courses. Details are outlined below.

## Grade Options

Students enrolled in the BS (accounting) curriculum may not use CR/NC grades for the 34 accounting credits in the accounting major.

## Progression in the Major

Students who have not completed the prerequisites with a grade of C, CR or better will not be allowed to register for the course for which the prerequisites are required. ECO 22100 is required for the major and must be completed with a grade of C, CR or better to be accepted for credit toward fulfillment of the major.

## Allied Required Courses (7 credits)

## ECO 20100 - Principles of Macroeconomics

Hunter Core<br>Individual and Society (Social Sciences) -I\&S SS<br>GER<br>2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## Professional Studies (67 cr)

## Accounting (34 cr)

## ACC 27100-Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr .

## ACC 27200 - Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis. efffective term spring 2016 prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr.

## ACC 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
3 cr .

## ACC 37200-Intermediate Accounting II

Revenue recognition; accounting for equities, income taxes, pensions, leases, price level changes.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better.
3 hrs
3 cr .

## ACC 37300 - Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100, all with a grade of C or better
3 hrs ,
3 cr .

## ACC 37400 - Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better
3 hrs
3 cr .

## ACC 47100 - Advanced Accounting I

Accounting for branches and business combinations. Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr.

## ACC 47200-Advanced Accounting II

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy. effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .

## ACC 47300 - Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 and ACC 37300 all with a grade of C or better 3 hrs
$3 c r$.

## ACC 47500 - Auditing

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
prereq or coreq: ACC 47100 with a grade of C or better
4 hrs
4 cr .

## ACC 49000 - Accounting \& Auditing Research

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.
prereq: ECO 22100
prereq or coreq: ACC 47500
3 hrs
3 cr .

## Additional Information

An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in these 34 credits. Students who receive a grade of "D" or lower in any of the eleven required Accounting courses in the Professional Studies Requirement will be allowed to repeat the course only once. In total, students may repeat no more than three Accounting courses for which they received a grade of "D" or lower. Students who exceed this allowed number of course repeats will be dismissed from the BS program in Accounting. The Academic Adviser for the BS program in Accounting may, under extraordinary circumstances, make exceptions to this rule.

## Other Professional Studies (33 cr)

Business Law (6 cr)

## ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.
prereq: sophomore standing or perm chair
3 hrs
3 cr .

## ACC 38000 - Business Law II

Legal aspects of business organizations; agency, partnership and corporate relationships.
prereq: ACC 28000
3 hrs
3 cr.
Statistics (3 cr)

## ECO 22100 - Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning

GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability
distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .
note: For students already at or beyond this point when they become majors, the course should be taken within the first $\mathbf{1 2}$ credits following declaration of the major.

Finance ( 6 cr )

Select two of the following courses:

## ECO 21000 - Money and Banking

GER
3/B

Monetary and banking principles and practice; current issues; theory and policy.
prereq: ECO 20000, 20100
3 hrs
3 cr .

## ECO 36500 - Corporate Finance

Pluralism and Diversity
GER 3/B
GER
GER 3/B

Analysis of corporate investment and financing decisions.
prereq: ECO 20000 and either ECO 22100 or STAT 21300
3 hrs
3 cr .

## ECO 36600-Security and Investment Analysis

GER
GER 3/B

Operation of the stock market; security analysis and evaluation; economic variables influencing security values.
prereq: ECO 36500
3 hrs
3 cr.

## ACC 36700 - Analysis of Financial Statements

GER
GER 3/B

Analysis, interpretation, and use of financial statements.
note: This course does not count as an elective towards the Economics major.
prereq: ECO 37200 and ECO 36500 or adviser's permission
3 hrs
3 cr.

## Business Core-Required (6 cr)

## ECO 20000 - Principles of Microeconomics

## Hunter Core

Scientific World (SW)
GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

- One course in computer science note: ACC 47600 - Computer Accounting Systems is strongly recommended.


## Business elective (12 cr)

Choose four courses from the following:

## ECO 26000 - Business Organization and Management

## GER

3/B

The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.
prereq: ECO 20000
3 hrs
3 cr .

- Any 300- or 400-level ACC or ECO courses (ACC 48000 is strongly recommended)


## Additional Information

Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work. For students already at or beyond this point when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the major requirement of MATH $15000 \mathrm{and} /$ or ECO 22100 upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

## Total Credits 74

Total major credits required 67

## Allied Required Courses 7 <br> (Additional foundational courses 0-7 credits, depending on Math placement)

## Minor in Accounting

A Minor in Accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

## Interdepartmental Fields

Students may take courses in economics as part of an interdepartmental program of study in Latin American and Caribbean studies, environmental studies (geography), women's and gender studies and Jewish studies. Listings in each area discuss recommended courses.

## Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

## Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

## ECO 49900 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Supervised individual research and directed reading. Honors essay. prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr.

## Economics - BA

## Foundational Courses

Foundational Courses include courses in Economics and prerequisites to these courses. These courses must be completed early in the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core
Requirement
Courses CUNY Common Core Foundational or Major
MATH 12500 Math \& Quantitative ReasoningFoundational
MATH 15000 Math \& Quantitative ReasoningFoundational
ECO 20000 Scientific World Foundational
ECO 20100 Individual \& Society Foundational
*Note: Please note MATH 12500 may not need to be taken; it is dependent upon math placement exam.

## Majors

The Department of Economics offers two Economics majors. The first, discussed below, is the Economics - BA, requiring a minimum of 24 credits beyond the foundational courses. In addition, for motivated students, the department offers the opportunity to complete both the BA and MA degrees simulataneously, where 30 of the 120 credits required for graduation are graduate credits. Students interested in this option should follow the link below.

Economics - Accelerated BA/MA

## Grade Options

The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than $\mathrm{CR} / \mathrm{NC}$.

## Major- 24 credits

Students majoring in economics must take:

## A. Courses Preliminary to the Economics Major

## ECO 20000 - Principles of Microeconomics

Hunter Core<br>Scientific World (SW)<br>GER<br>2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 20100 - Principles of Macroeconomics

## Hunter Core <br> Individual and Society (Social Sciences) -I\&S SS <br> GER <br> 2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr.
These courses must be completed with a grade of C, CR, or better to serve as prerequisites for courses credited to the major.

## Additional Information

Although required, neither ECO 20000 nor ECO 20100 are counted as part of the 24 credits in the major. While it is preferable to start with ECO 20000, students may begin the study of economics with either ECO 20000 or ECO 20100. If they wish a one-semester survey before embarking on the principles courses, they may take ECO 10000, but this is not required. If taken, ECO 10000 cannot be substituted for either ECO 20000 or 20100 or credited toward the major.

## B. Core of the Economics Major

## ECO 22100 - Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

## ECO 30000 - Intermediate Microeconomics

## GER

3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.
prereq: ECO 20000, 20100, MATH 15000

3 hrs
3 cr .

## ECO 30100 - Intermediate Macroeconomics

## GER

3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .

## ECO 32100 - Introduction to Econometrics

GER
3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq: ECO 22100, MATH 15000
3 hrs
3 cr .
*ECO 22100 must be completed with a grade of C, CR or better to be accepted for credit towards the major and to serve as prerequisites for other courses in the major.

## C. Allied Required Course

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
*MATH 15000 must be completed with a grade of C, CR or better to be accepted for credit towards the major and to serve as prerequisites for other courses in the major.

## Additional Information

Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 30000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

## D. Elective courses

The remaining 12 credits needed to complete the 24 -credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more than 3 credits may be at the 100 -level (note: ECO 10000 cannot be counted.)

## Minor in Economics

The economics minor consists of a minimum of 12 credits, including

## ECO 20000 - Principles of Microeconomics

Hunter Core<br>Scientific World (SW)<br>GER<br>2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .
and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

## Interdepartmental Fields

Students with majors in other departments may take courses in economics as part of an interdepartmental program of study in public policy, Latin American and Caribbean studies, environmental studies (geography), women's and gender studies and Jewish social studies. Listings in each area discuss recommended courses.

## Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major.

Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

## Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

## ECO 49900 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Supervised individual research and directed reading. Honors essay.
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5
GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr.

## Public Policy

Economics majors may find both the minor and the Certificate Program in Public Policy of particular interest.

## Undergraduate Major/Graduate Major

## Economics - Accelerated BA/MA

The Department of Economics offers promising students the opportunity to complete both the BA and MA degrees within 120 credits, 30 of which must be at the graduate level.

Students who wish to declare the BA/MA major must have a 3.0 average in Economics and in the cumulative index.

## A minimum grade of $B$ in the following, or their equivalents

## ECO 30000 - Intermediate Microeconomics

## GER

3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .

ECO 32100 - Introduction to Econometrics

GER
3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq: ECO 22100, MATH 15000
3 hrs
3 cr.

## A minimum grade of $C$ in the following, or their equivalents

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.
Continuing in the program is contingent upon maintaining a 3.0 GPA in economics and the cumulative index and receiving

## A minimum grade of $B$ in

## ECO 30100 - Intermediate Macroeconomics

## GER

3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .

## An average grade of $B$ in

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .

## All students in the BA/MA program must complete the following, or their equivalents, as well as the courses listed above

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
$4 c r$.

## MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr.

## Additional Information

An undergraduate major in economics is normally required. Thomas Hunter Honors Program students may be admitted without declaring an undergraduate economics major, provided that the above courses are completed. To apply, see the graduate adviser.

## Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an
honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

Note: Students enrolled in the BA/MA program may substitute enrollment in ECO 798 and an MA thesis for ECO 49900 and the Honors paper.

ECO 49900 - Honors Project

## Undergraduate Minor

## Minor in Accounting

Return to Accounting - BS
A minor in accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

## The Minor consists of 15 credits

with the following required courses:

## ACC 27100-Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr.

## ACC 27200-Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.
efffective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr .
and Three of the following courses for the Financial Accounting Track 1

## ACC 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
3 cr.

## ACC 37200 - Intermediate Accounting II

Revenue recognition; accounting for equities, income taxes, pensions, leases, price level changes.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better.
3 hrs
3 cr .

## ACC 37400 - Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better
3 hrs
3 cr .

## ACC 47100 - Advanced Accounting I

Accounting for branches and business combinations. Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better 3 hrs
3 cr.
or Three of the following courses for the Law and Taxation Track 2 (ECO 37300 strongly recommended)

## ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code. prereq: sophomore standing or perm chair
3 hrs
3 cr.

## ACC 37300 - Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100, all with a grade of C or better
3 hrs,
3 cr .

ACC 38000 - Business Law II

Legal aspects of business organizations; agency, partnership and corporate relationships. prereq: ACC 28000
3 hrs
3 cr .

## ACC 47300 - Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 and ACC 37300 all with a grade of C or better 3 hrs
3 cr .

## ACC 48000 - Business Law III

Sales and financing devices under Uniform Commercial Code; property; trusts and estates; bankruptcy; other selected topics.
prereq: ACC 38000
3 hrs
3 cr.

## Minor in Economics

The economics minor consists of a minimum of 12 credits, including ECO 20000 - Principles of Microeconomics , ECO 20100 - Principles of Macroeconomics and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

## Economics: Introductory Course

## ECO 10000 - Introduction to Economics

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B
```

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

## Economics: 200-Level Core Courses

## ECO 20000 - Principles of Microeconomics

## Hunter Core

Scientific World (SW)

GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 20100 - Principles of Macroeconomics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B
May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

## ECO 22000-Techniques of Economic Analysis

GER
3/B
Mathematical techniques applied to economic models.
prereq: ECO 20000; MATH 12500 or exemption from the course
3 hrs
3 cr .

## ECO 22100 - Economic Statistics

## Hunter Core

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
3 cr .

## Economics: 200-Level Elective Courses

## ECO 21000 - Money and Banking

GER
3/B

Monetary and banking principles and practice; current issues; theory and policy.
prereq: ECO 20000, 20100
3 hrs
3 cr.

## ECO 23300 - Economics of the Media

Provides an introduction to the economics of the media. The course uses the toolkit of economic analysis to understand the structure of media industries, the characteristics of media products, the effects of regulation in media markets, and changes brought about by digital technology.

Economics of the Media is a quantitative analytical course requiring a solid understanding of microeconomic principles and also basic statistics.
prereq: ECO 10000 or ECO 20000
3 hrs.
3 cr .

## ECO 26000 - Business Organization and Management

## GER

3/B

The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.
prereq: ECO 20000
3 hrs
3 cr.

## ECO 29500 - Selected Topics in Economics

## GER

3/B

Special topics and issues of research and policy interest. Topics vary each semester. May be repeated for a total of 6 credits.
prereq: ECO 20000 or 20100
3 hrs
3 cr .

## Economics: $\mathbf{3 0 0}$ and 400 Level Advanced and Elective Courses

## ECO 30000 - Intermediate Microeconomics

## GER

3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.

3 hrs
3 cr .

## ECO 30100 - Intermediate Macroeconomics

## GER

3/B
Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000
3 hrs
3 cr .

## ECO 31000 - Financial Institutions

GER
3/B
Operation, administration and regulation of U.S. banking, investment and credit institutions.
prereq: ECO 21000
3 hrs
3 cr .
ECO 31500 - Public Finance

GER
3/B

Theory and application of fiscal policy; federal budgeting; state and local finance.
prereq: ECO 20000
3 hrs
3 cr .

## ECO 32100 - Introduction to Econometrics

GER
3/B
Linear and non-linear regression models in economics; statistical methods for estimation and inference. prereq: ECO 22100, MATH 15000
3 hrs
3 cr .

## ECO 33000-Economic Development

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr.

## ECO 33700 - Mathematical Foundations of Economics

An advanced undergraduate course in mathematical methods for economists. The course is designed to introduce students to the mathematical techniques used in advanced study of economics and in professional and academic economic research.
prereq: ECO 30000 or equivalent and MATH 15000 or exemption from the course.
3 hrs
3 cr .

## ECO 33900-Strategies and Games in Economics

A critical introduction to applications of game theory in economics. Applications include the analysis of conflict, trust and cooperation, firms' strategic behavior in concentrated markets, and herd behavior and panics in financial markets. We extend basic game-theoretic models to incorporate asymmetric information and mechanism-design, studying how the rules of a game or the initial distribution of information might affect equilibrium outcomes and therefore how to select optimal rules that govern interactions. Questions addressed include the design of compensation and incentive contracts; voting models and political-economic equilibria; how firms choose their financial structure; and how and why laws and constitutions are chosen to be what they are.
prereq: ECO 30000 or equivalent
3 hrs.
3 cr .

## ECO 34000 - International Trade

## GER

3/B

Theories of international trade and international trade policies.
prereq: ECO 20000
3 hrs
3 cr .

## ECO 34100 - International Finance

## GER

3/B

Theories of exchange-rate determination and open-economy macroeconomic theory and policy.
prereq: ECO 20100
3 hrs
3 cr .

ECO 34500 - Women and Men in the Labor Market

## Pluralism and Diversity

PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, "human capital" investments, labor market policy issues.
cross-listed WGSL 34500
prereq: ECO 20000
3 hrs
3 cr.

## ECO 35000 - Comparative Economic Systems

Pluralism and Diversity
PD/D
GER
3/B

Comparative analysis of market and planned economies in theory and practice. Process and problems of transitions between planned and market economies.
prereq: ECO 20000, 20100
3 hrs
3 cr .

## ECO 35500 - Business Strategy \& Industrial Organization

## GER

3/B

Analysis of the strategic behavior of firms in markets with imperfect competition and the role of public policy in regulating these markets.
prereq: ECO 20000
3 hrs
3 cr.

## ECO 35600 - Business and Public Policy

## GER

3/B

Analysis of the intersection between business and government in market economies. Topics may include protection of intellectual property, economic regulation, health and safety regulation, antitrust, and the behavior of private firms in the political and social realms.
prereq: ECO 20000
3 hrs
3 cr .

GER
GER 3/B

Theory of the firm, risk and uncertainty; forecasting, capital allocation, analysis of costs and returns, pricing.
prereq: ECO 20000
3 hrs
3 cr.

## ECO 36500 - Corporate Finance

Pluralism and Diversity
GER 3/B

## GER

GER 3/B

Analysis of corporate investment and financing decisions.
prereq: ECO 20000 and either ECO 22100 or STAT 21300
3 hrs
3 cr.

## ECO 36600 - Security and Investment Analysis

GER
GER 3/B

Operation of the stock market; security analysis and evaluation; economic variables influencing security values. prereq: ECO 36500
3 hrs
3 cr .

## ECO 37000 - Law and Economics

## GER

3/B

Analytical tools of microeconomics are used to examine various aspects of the law, including property, contracts, torts, liability, and criminal and family law.
prereq: ECO 20000
3 hrs
3 cr .

## ECO 39000 - Independent Study in Economics

GER
3/B

Open to economics majors and minors. Individual readings, tutorials, research. Written report. May be repeated for total of 6 cr . Not open to accounting majors.
prereq: perm chair and faculty sponsor
3 hrs
3 cr .

## ECO 39500 - Selected Topics in Economics

## GER

3/B
$\mathrm{Jr} / \mathrm{Sr}$ majors only. Special readings, research and seminar discussions on selected topics announced each semester. May be repeated for a total of 6 cr .
3 hrs
3 cr .

## ECO 42600 - Computer Applications in Economics

Acquisition of computer skills and their application to empirical economic analysis.
prereq: ECO 22100 and declaration of economics major
3 hrs
3 cr.

## ECO 49500 - Selected Topics in Economics

$\mathrm{Jr} / \mathrm{Sr}$ majors only. Special readings, research papers and seminar discussions on selected advanced topics announced each semester. May be repeated for total of 6 cr .
prereq: ECO 30000 or 30100
3 hrs
3 cr .

## ECO 49600 - Honors Seminar in Economics

$\mathrm{Jr} / \mathrm{Sr}$ majors only. Special readings, research and seminar discussions on selected topics announced each semester. May be repeated for total of 6 cr .
prereq: 3.5 GPA in economics, perm chair
3 hrs
3 cr .

## ECO 49800 - Internship in Economics of Accounting

Opportunities for working in positions of responsibility in professional institutions (including government agencies, private firms and not-for-profit institutions) for academic credit. The position must provide opportunities for learning about some area of economics, accounting, business or related public policy. Credits may not be used towards the requirements for the economics or accounting major. CR/NC grading is mandatory.
prereq: Open only to qualified economics or accounting majors, upper Junior/Senior only. Enrollment is subject to approval of department adviser. Course may be taken no more than twice.
1 hr
1 cr .

## ECO 49900 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Supervised individual research and directed reading. Honors essay.
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr .

## Economics: Accounting and Business Law

## ACC 22500-Survey of Accounting

An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision- making process such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations (See attached sample syllabus).
For non-accounting majors only.
prereq: none (cannot be used towards Accounting major)
3 hrs
3 cr .

## ACC 23000 - Essentials of Business Law

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities.
For non-accounting majors only.
prereq: none (cannot be used towards Accounting Major)
3 hrs
3 cr .

## ACC 27100-Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr .

## ACC 27200-Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.
efffective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr .

## ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.
prereq: sophomore standing or perm chair
3 hrs
3 cr .

## ACC 36700 - Analysis of Financial Statements

```
GER
GER 3/B
Analysis, interpretation, and use of financial statements.
note: This course does not count as an elective towards the Economics major.
prereq: ECO 37200 and ECO 36500 or adviser's permission
3 hrs
3cr.
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## ACC 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
3 cr .

## ACC 37200 - Intermediate Accounting II

Revenue recognition; accounting for equities, income taxes, pensions, leases, price level changes. effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better.
3 hrs
3 cr .

## ACC 37300 - Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100, all with a grade of C or better 3 hrs ,
$3 c r$.

## ACC 37400-Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACC 37100 all with a grade of C or better
3 hrs
3 cr .

## ACC 38000 - Business Law II

Legal aspects of business organizations; agency, partnership and corporate relationships. prereq: ACC 28000

3 hrs
3 cr .

## ACC 47100 - Advanced Accounting I

Accounting for branches and business combinations. Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .

## ACC 47200 - Advanced Accounting II

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy. effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
3 hrs
3 cr .

## ACC 47300 - Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 and ACC 37300 all with a grade of C or better 3 hrs
3 cr .

## ACC 47500 - Auditing

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.
prereq: ACC 27100 and ACC 27200 and ACC 37100 and ACC 37200 all with a grade of C or better
prereq or coreq: ACC 47100 with a grade of C or better
4 hrs
4 cr.

## ACC 47600-Computer Accounting Systems

Computer in modern accounting systems. Development of facility with current spreadsheet and accounting software. prereq: ACC 37200 and declaration as an accounting major
3 hrs
3 cr .

## ACC 48000 - Business Law III

Sales and financing devices under Uniform Commercial Code; property; trusts and estates; bankruptcy; other selected topics.
prereq: ACC 38000
3 hrs
3 cr .

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.
prereq: ECO 22100
prereq or coreq: ACC 47500
3 hrs
3 cr .

## Economics: Courses Less Frequently Offered

ECO 30500 - Development of Economic Thought

GER
3/B

ECO 33100 - Economic History

GER
3/B
ECO 33600-Regional Economics

GER
3/B

ECO 34600 - The Labor Movement

GER
3/B
ECO 35200 - Economics of the Caribbean

GER
3/B

ECO 42100 - Econometrics

## Programs and Courses in Education

The School of Education

School of Education programs at Hunter College prepare prospective teachers to serve as highly effective educators, and provide opportunities to work with children of diverse backgrounds, abilities, and interests within an array of educational settings in New York State.

A student who completes an undergraduate School of Education program fulfills the academic requirements for New York State Initial Certification. All students in an education major or minor at Hunter must also fulfill both the Hunter Core requirement and the requirements for a liberal arts or sciences major.

The School of Education is committed to the development of teacher candidates that will be both educators and lifelong students. Teacher preparation that focuses on the unique challenges of working in NYC public school classrooms is at the core of Hunter College's educational mission, and the School of Education is a place for aspiring teachers to learn their craft and contribute to the future through the classroom.

School of Education students are held to the highest professional and academic standards, and will be expected to:

- Learn deep and broad content knowledge across academic disciplines.
- Develop professional knowledge and academic skills.
- Learn the theory and practice of effective pedagogy.
- Understand the history, philosophy, psychology, and sociology of education that will inform their teaching. The School of Education also believes in preparing teacher candidates to work with a diverse student population in the modern classroom, and recognizes that learning takes place inside social and community networks that support student learning. Thus, our programs also provide teacher candidates with knowledge on how to:
- Manage their educational setting to provide effective instruction for all students.
- Design lessons and units of work for students and to adapt their instruction to students' prior knowledge and level of skill.
- Use research-based theories and methods of teaching students with special needs, including special education students and English language learners.
- Learn to create humane and ethical learning communities in which all students receive the support they need to achieve academically.
- Learn to communicate effectively with parents, families, community members, and other members of the school faculty and staff in order to provide this support.
- Master the use of technology as a tool for teaching.

Finally, becoming a Hunter College teacher candidate requires dedication to the continuous improvement of one's professional abilities. Our programs, therefore, ensure teacher candidates know how to:

- Reflect on teaching practice in order to strengthen work with students and grow as professionals.
- Gain expertise in analyzing and using assessments of student achievement to guide and inform instruction.


## Admissions

- Admission to Teacher Education Programs


## Programs and Courses in Education

- School of Education: Program List
- School of Education Course List


## Academic Affairs and Policies

- The Office of Academic and Student Affairs (OASA)
- School of Education Progress Standards
- New York State Certification
- Frankfort Center for Learning and Scholarly Technologies


## Fieldwork \& Student Teaching

- The Office of Clinical Experiences


## Administration

- School of Education: Administration


## Departments Contact Information

- School of Education: Department Information


## Faculty

- Faculty of the School of Education


## Adolescent Biology, Grades 7-12 - BA

The BA program in Adolescent Biology Education leads to initial certification as a teacher in New York State.
The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in biology.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

37 credits in Biology plus 33.5-36.5 credits in required additional science and math courses (total 70.5 to 73.5 credits). (see Biological Sciences for details of course requirements)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Hunter Core requirement .

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 21300 (STEM)
- 12 credits of foreign language
- 6 credits of art
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject
area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## SEDF 20300-Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr.

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600-Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades $7-12$. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

## SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards. 3 hrs
3 cr .

SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr .

## SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

## SEDC 45410 - Student Teaching in Biology, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified biology teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Biology, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Biology Education leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27-credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \&

Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in biology.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

Complete the full major in Biology replacing 10 credits of elective courses that they take towards the BA with graduate courses. Complete the extra 19 credits of graduate biology courses for a total of 29 graduate biology credits.

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used toward the Common Core Requirements.

- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 3 credits in the arts
- 6 credits of foreign language
- 6 credits in math (a college course in calculus meets this requirement)


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

Education Courses for BA/MA in Adolescent Biology. For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SEDC 75401: Student Teaching in Grades 7-12: Biology
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings


## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Chemistry, Grades 7-12-BA

The BA program in Adolescent Chemistry Education leads to initial certification as a teacher in New York State.
The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in chemistry.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

$24-27$ credits of chemistry plus 27 credits of biology, math and physics. (See Chemistry Major II for details of course requirements)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Hunter Core requirements

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 21300 (STEM)
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Course of Study

## SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

## SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards. 3 hrs
3 cr.

## SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400

1 hr
1 cr .

## SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

## SEDC 45420 - Student Teaching in Chemistry, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified chemistry teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework

## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Chemistry, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Chemistry Education leads to initial certification as a teacher in New York State.
The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek
advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in chemistry.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

Minimum of 138 credits to include the Chemistry major (minimum of 26 credits) and associated auxiliary courses ( 41.5 credits) at the undergraduate level; 14 graduate credits in chemistry.

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for Adolescent Chemistry, BA/MA School of Education students. Most of these courses may also be used towards the Hunter Core requirements

- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 3 credits in the arts
- 6 credits of foreign language
- 6 credits in math or technology (a college course in calculus meets this requirement)


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

Education Courses for BA/MA in Adolescent Chemistry. For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SEDC 75402: Student Teaching in Grades 7-12: Chemistry
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings


## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Earth Science, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Earth Science Education leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 120.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in earth science.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

Minimum of 134 credits to include the Environmental Earth Science Concentration major (minimum of 39 credits) and associated auxiliary courses ( 15.5 credits) at the undergraduate level; 16 graduate credits in earth science.

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Educaiton BA/MA Adolescent Earth science students. Most of these courses may be used toward the Common Core Requirements.

- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 3 credits in the arts
- 6 credits of foreign language
- 6 credits in math or technology (a college course in calculus meets this requirement)
- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

Education Courses for BA/MA in Adolescent Earth Sciences. For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SEDC 75404: Student Teaching in Grades 7-12: Earth Sciences
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings


## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Education Programs, Grades 7-12 and Dance Education, Grades Pre K-12

## List of Programs

- Adolescent Biology, Grades 7-12 - BA
- Adolescent Biology, Grades 7-12 - BA/MA
- Adolescent Chemistry, Grades 7-12 - BA
- Adolescent Chemistry, Grades 7-12 - BA/MA
- Adolescent Earth Science, Grades 7-12-BA/MA
- Adolescent English, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12 - BA/MA
- Adolescent Physics, Grades 7-12 - BA
- Adolescent Physics, Grades 7-12 - BA/MA
- Adolescent Social Studies, Grades 7-12 - BA
- Dance Pre-K - 12 - BA
- Dance Pre-K - 12 - BA/MA


## Progress Standards

1. Students must maintain a minimum overall GPA of 2.8 and an education sequence index of 2.8 .
2. Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
3. Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
4. Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
5. Any student who has more than two grades of IN will be permitted to register for only one course the following semester.
Students will be permitted to register for the second methods course in their subject area only after having met the following requirements:
6. Completion of 18 credits of study in the major subject area;
7. Approval of the major department adviser; and
8. Maintenance of an overall GPA of 2.8 and an education sequence index of 2.8.

Students should register to take the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examinations during their junior year. Students will not be allowed to enroll in student teaching until their scores on the LAST have been received by the School of Education. Students who do not pass the LAST at least partly because of low scores on subtest 4 and/or 5 must enroll in a college writing course before being allowed to register for any additional courses.

## Admission Process

1. Students interested in applying to the Adolescent Education program should apply at the beginning of the semester prior to the semester in which they plan to enroll.
2. Students must participate in a group interview with several other students and School of Education faculty members.
3. Students must complete an on-site writing sample that the School of Education faculty will use to assess written English skills.

## Admission Requirements

Students who wish to enter the adolescent education sequence must meet all the criteria given below.

1. Minimum of 65 credits but no more than 90 credits;
2. GPA of at least 2.8. If a student has more than 6 credits of $\mathrm{CR} / \mathrm{NR}$ grades, the excess of these grades will be calculated as C or F in determining whether the student meets the minimum GPA;
3. A grade of at least B in ENGL 12000 (or a 200- or 300-level writing course such as ENGL 201);
4. Formal declaration of a major in a subject area appropriate for certification: English, Languages Other than English (Chinese, French, German, Hebrew, Italian, Russian, Spanish), Mathematics, Biology, Chemistry, Physics, Social Studies (Geography Option 2), Dance; and
5. Submission of an application for admission to the sequence (the application is available in the Office of Educational Services, Room 1000 Hunter West).

## Program Overview

Students who major in an academic subject may also wish to complete a sequence of courses in education that will enable them to pursue a career teaching students in grades 7-12. The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools.

Programs in adolescent education at Hunter College prepare prospective teachers to serve as highly effective educators in urban middle and high schools. Through rigorous course work, fieldwork and student teaching experiences in New York City schools, students learn how to provide an academically rigorous education to students of diverse backgrounds, abilities and interests.

## Content Knowledge

Courses in the academic discipline offered by the School of Arts \& Sciences will deepen teacher candidates’ subject knowledge. They will learn how to use knowledge of their subject to design and implement classroom instruction that reflects State and professional standards.

## Professional Knowledge

Teacher candidates will learn the theory and practice of effective pedagogy in their subject area. They will gain a grounding in the history, philosophy, psychology and sociology of education that will inform their teaching. They will study research-based theories and methods of teaching their subject to students with special needs, including special education students and English language learners.

## Skills

Teacher candidates will learn to design lessons and units of work for students and to adapt their instruction to students' prior knowledge and level of skill. They will gain expertise in analyzing and using assessments of student achievement
to guide and inform their instruction. They will master the use of technology as a tool for teaching their subject. They will learn to manage their classrooms to provide effective instruction for all students. They will practice ways to assess and reflect on their teaching practice in order to strengthen their work with students and grow as professionals.

## Creating Community

Teacher candidates will learn to create humane and ethical learning communities in their classrooms and schools in which all students receive the support they need to achieve academically. They will learn to communicate effectively with parents, families, community members and other members of the school faculty and staff in order to provide this support.

## Programs

The Hunter College School of Education offers the following undergraduate programs leading to initial certification in adolescent education (grades 7-12): biology, chemistry, Chinese, English, French, German, Hebrew, Italian, mathematics, physics, Russian, social studies and Spanish. Hunter also offers an undergraduate program leading to initial certification in dance (pre-K-12). In addition, BA/MA programs in biology, chemistry, earth science, mathematics, music and physics are offered. These programs lead to initial and professional certification.

The program of study for the baccalaureate degree at Hunter College requires a minimum of 120 credits. This is a daytime program that includes fieldwork in New York City public schools designated by the Hunter College School of Education. Students who wish to pursue initial certification in one of the above areas must take a specified sequence of education courses, in addition to fulfilling the college's General Education Requirement (GER) and the requirements of their liberal arts or sciences major. All relevant departments accept the adolescent education sequence as a minor.

## Transfer Students

The program will conditionally admit transfer students with 60 or more credits who have a GPA of at least 3.3 without requiring that they complete 12 credits at Hunter College. However, they must establish a minimum GPA of 2.8 at Hunter College to continue in the program after the first semester. Any transfer student who has a GPA of 2.8-3.29 must complete 12 credits at Hunter College with a cumulative GPA of at least 2.8 before being admitted to the program in adolescent education.

## Adolescent English, Grades 7-12-BA

The BA program in Adolescent English Education leads to initial certification as a teacher in New York State.
The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in English.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

Completion of the BA degree: Concentration in English: Preparation for Secondary School Teaching (39 cr)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Appendix I: Hunter Core Requirement. .

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 11300
- 9 credits in math, science and technology (must include one laboratory science course)
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## SEDF 20300-Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr .

## SEDC 21100 - Young Adult Literature in Our Diverse Society

Familiarizes prospective teachers with a wide variety of literature for or about young adults. Books discussed and dramatized during each session reflect diverse cultures, varying learning styles, and special needs of young adults. The English language arts standards are addressed as delineated in city and state regulations. Literacy and comprehension skills are explored as well.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr .

## SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12

Methodology that facilitates the learning of English language arts for a diverse population in secondary schools. Teacher candidates will engage in ways of teaching adolescents the skills of reading, responding to literature, writing (creative and expository), listening, speaking, and applying grammar conventions. They will write lesson and unit plans and experiment with classroom management and assessment techniques as they present lessons to the class for peer and instructor criticisms. State and city teaching standards will be applied throughout the course.
prereq: SEDC 21100
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr .

## SEDC 45100 - Student Teaching in English, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified English teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32100
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr.

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Mathematics, Grades 7-12 - BA

The BA program in Adolescent Mathematics Education leads to initial certification as a teacher in New York State.
The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply
as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000 .
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in mathematics.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

33-credit major in mathematics Mathematics - BA plus one year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent).

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Common Core Requirement.

- ENG 120 and ENG 220
- Two courses selected from HIST 151, HIST 152 and GEOG 101
- STAT 213
- One science course with a lab component
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

## SEDF 20600-Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards. 3 hrs
3 cr .

## SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr.

## SEDC 32300 - Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in mathematics. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

1 cr.

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified math teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32300
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels. prereq: 12 credits of coursework
45 hrs
3 cr .

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Mathematics, Grades 7-12-BA/MA

The BA/MA program in Adolescent Mathematics Education leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27-credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek
advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 120.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in mathematics.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

50-credits in Mathematics Preparation for Adolescent Education (Grades 7-12) - BA/MA, including MATH 150, 155, $250,260,311,620,623$ or $634,630,661$, STAT 213 and 614 , plus 12 additional credits at the 200 level or above.

A minimum of 141 credits is required for this degree.

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Common Core Requirement.

- ENG 120 and ENG 220
- Two courses selected from HIST 151, HIST 152 and GEOG 101
- STAT 213
- One science course with a lab component
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

- SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)
- SEDF 20400 - Adolescent Development
- SEDF 20500 - Educational Psychology: Applications in Grades 7-12
- SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 21000 - Building the Foundations of Literacy in Grades 7-12
- SEDC 22000 - Adolescent Health and Safety

Additional Education Courses for BA/MA in Adolescent Mathematics. For course descriptions please see the graduate catalog.

- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72300: Methods II: Intensive Study of Teaching Diverse Learners in Mathematics, Grades 7-12
- SEDC 7530: Student Teaching in Grades 7-12: Mathematics
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings


## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Physics, Grades 7-12 - BA

The BA program in Adolescent Physics Education leads to initial certification as a teacher in New York State.
The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

- Minimum of at least 65 credits but no more than 90 credits.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Receive a grade of B or better in ENGL 12000.
- Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
- Formal declaration of a major in physics.
- Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.


## Liberal Arts and Sciences Major Requirements

30-credit major in physics. (see Physics Option 1)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used toward the Common Core Requirement.

- ENG 120 and ENG 220
- Two courses selected from HIST 151, HIST 152 and GEOG 101
- STAT 213
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

## SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards. 3 hrs
3 cr.

## SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention. prereq: SEDF 20300, 20400
1 hr
1 cr .

## SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

## SEDC 45430 - Student Teaching in Physics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified physics teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Physics, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Physics Education leads to initial certification as a teacher in New York State.
The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can
be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

- Minimum of at least 65 credits but no more than 90 credits.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Receive a grade of B or better in ENGL 12000.
- Have no more than 6 cr. of CR/NC grades.
- Formal declaration of a major in physics.
- Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.


## Liberal Arts and Sciences Major Requirements

Minimum of 130.5 credits to include Physics major (minimum of 37 credits) and 16 graduate credits in physics.

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Common Core Requirement.

- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 3 credits in the arts
- 6 credits of foreign language
- 6 credits in math or technology (a college course in calculus meets this requirement)


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

Education Courses for BA/MA in Adolescent Physics. For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Classroom Organization, Management and Assessment of Instruction in Mathematics and Science Grades 7-12
- SEDC 72400: Methods II: Teaching Diverse Learners in Science, Grades 7-12
- SEDC 75403: Student Teaching in Grades 7-12: Physics
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings


## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Social Studies, Grades 7-12 - BA

The BA program in Adolescent Social Studies Education leads to initial certification as a teacher in New York State.
The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in history.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

A history major for adolescent teachers. See History for Adolescent Education (Social Studies)

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Appendix I: Hunter Core Requirement. .

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 11300
- 9 credits in math, science and technology (must include one laboratory science course)
- 6 credits in the arts
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## SEDF 20300-Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr .

## SEDC 21500 - Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12

Rationales and methodologies for teaching social studies based on current theories of the nature of students, the social sciences and secondary schooling.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr.

## SEDC 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 712

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in the social studies. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21500
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

Teacher candidates complete 30 days of student teaching at grades $7-9$ and 30 days at grades $10-12$ under the supervision of a Hunter College faculty member and a certified social studies teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32500
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr.

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Adolescent Teaching Languages Other Than English, Grades

## 7-12 - BA

The BA program in Adolescent Teaching Languages Other Than English leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as highquality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can
be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major one of these languages: Chinese, French, Italian, or Spanish.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

Major in Chinese Language and Literature - BA, French - BA, Italian - BA or Spanish - BA.

## New York State Liberal Arts \& Science Distribution Requirement

These courses are required for School of Education students. Most of these courses may be used towards the Common Core Requirement.

- ENGL 12000 and ENGL 22000
- Two courses selected from: HIST 15100/HIST 15200/GEOG 10100
- STAT 11300
- 9 credits in math, science or technology with at least one science course with a lab component
- 6 credits in the arts
- One course that focuses on communication (see program adviser for acceptable courses)


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## SEDF 20300-Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
$2 c r$.

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

## SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

## SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr .

## SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/ heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.
prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels. prereq: 12 credits of coursework 45 hrs 3 cr.

And One Student Teaching Course

## SEDC 45210 - Student Teaching in Chinese, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Chinese teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

## SEDC 45220 - Student Teaching in French, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified French teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45260 - Student Teaching in Italian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Italian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45280 - Student Teaching in Spanish, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades $10-12$ under the supervision of a Hunter College faculty member and a certified Spanish teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Childhood Education (QUEST) Grades 1-6-BA

The Childhood Education, Grades 1-6, undergraduate teacher education program prepares students to become New York State certified teachers of childhood education.

This program is committed to the preparation of urban elementary school teachers who can deal effectively with the wide range of diverse learning needs found among the City's students. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

This is a 36-credit program in which students have an option to complete the course of study over four or six semesters.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admissions Requirements

- 30 credits in liberal arts and sciences (Students may apply to QUEST if the total of their completed credits plus credits in which they are currently enrolled is at least 30 credits.)
- Minimum GPA of 3.0.
- Prerequisite for MATH 10400 (STEM): either a score high enough on the CUNY COMPASS to be placed in MATH 10400 (STEM) or completion of MATH 10100.
- ENGL 12000 (or a 200 - or 300 -level writing course), with a grade of B or better.
- Declaration of an appropriate liberal arts and sciences major.
- Transfer students may enter the program with 40 to 72 credits. (Students with more than 72 credits should complete their liberal arts and sciences major and apply to the master's degree program in childhood education.)
- Transfer students with 60 or more credits, a GPA of 3.3 or better and a grade of B or better in ENGL 12000 do not have to present Hunter College grades. Transfer students with GPAs below 3.3 will have to complete 12 credits of coursework at Hunter College with a GPA of at least 3.0 before a final decision will be made on their application to the School of Education.


## Liberal Arts \& Sciences Major Requirement

All students in School of Education programs must also declare a major in the School of Arts \& Sciences. This major must lead to a BA degree.

See the School of Arts \& Sciences for more information on major options.

## New York State Liberal Arts \& Sciences Distribution Requirement

Teachers in elementary schools are required to teach all subject areas in the curriculum and thus need a broad liberal arts background in addition to specialized knowledge of teaching. Therefore, students will be required to complete the following liberal arts and sciences courses, or their equivalent (most of these courses can be taken within the Hunter Core requirements).

These courses require a grade of C or better.

- ENGL 12000 - Expository Writing
- ENGL 22000 - Introduction to Writing about Literature (W)
- GEOG 10100 - People and Their Environment
- HIST 15100 - The United States from the Colonial Era to the Civil War (W)
- HIST 15200 - The United States from the Civil War Era to the Present (W)
- MATH 10400 (STEM) - Mathematics for Elementary Education I
- MATH 10500 - Mathematics for Elementary Education II
- Two semesters of science, at least one of which is a laboratory science,*
- 6 credits in the arts (courses in ARTCR, ARTH, FILM, MUSHL, THEA)**
- At least 6 credits in the study of a language other than English

Two additional courses that are required for students in the childhood education program are

- HED 31400 - Health Education for the Classroom Teacher
- SPED 30800-Teaching Students with Special Needs in Inclusive Settings

Note(s)

* Computer Science does not count as a science course in meeting this requirement.
** Courses in FILMP, MEDIA, and MEDP do not meet the arts requirements.


## Academic Progress Standards

Students must meet the following criteria in order to continue in the program:

- Students must maintain a GPA of at least 3.0.
- Students must receive grades of C or better in required coursework in liberal arts and sciences and in QUEST courses that do not include fieldwork. QUEST fieldwork courses require a grade of B or better. All QUEST courses are repeatable once by students who have received a grade of $\mathrm{C}-, \mathrm{D}+$ or D in a non-fieldwork course or a grade below B in a fieldwork course. Students must officially reregister for these courses. Students who receive an F in any course or a $\mathrm{D}+$ or D in fieldwork may not continue in the program.
- In order to register for QSTA 40600 - Mathematics Teaching and Learning in Elementary School, students must have completed MATH 10400 (STEM) and MATH 10500. With the approval of the program coordinator, transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 (STEM) and registering for MATH 10500 if their progress through the QUEST program would be delayed by the requirement for MATH 105 as a prerequisite.
- In order to register for QSTA 41400-Teaching Science in Elementary Schools, students must have completed two courses in science, at least one of which must be a laboratory science.
- In order to register for QSTA 41200 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools, students must have completed HIST 15100 and HIST 15200, or one of these courses plus GEOG 10100.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## Six-Semester Track

## Semester 1

## HED 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .

## QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr .

## Semester 2

## QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr.

## Semester 3

## QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
2 cr .

## QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, QSTAB 30100
2 hrs
2 cr.

## QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200
75 hrs
1 cr .

## Semester 4

## QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr .

## QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.
Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
2 cr .

## QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr .

## Semester 5

## QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .

## QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000

3 hrs
3 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## Semester 6

## QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
coreq: QSTA 41500
2 hrs
2 cr .

## QSTA 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400
coreq: QSTA 41400
2 per week of seminar plus student teaching
4 cr .

## Four-Semester Track

## Semester 1

## HED 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education;
stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .

## QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr .

## QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

## Semester 2

## QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .

## QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
2 cr .

## QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, QSTAB 30100
2 hrs
2 cr .

## QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
coreq: QSTA 41000, 41200
75 hrs
1 cr .

## Semester 3

## QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
$2 c r$.

## QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.
Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
2 cr .

## QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr .

## Semester 4

## QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
coreq: QSTA 41500
2 hrs
2 cr

## QSTA 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6.
Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400
coreq: QSTA 41400
2 per week of seminar plus student teaching
4 cr.

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Dance Pre-K - 12-BA

The BA program in PreK-12 Dance Education leads to initial certification as a teacher in New York State.

This undergraduate program is designed to prepare prospective teachers to serve as high-quality educators for students in urban schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Receive a grade of B or better in ENGL 120.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in dance.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

34-credit major in Dance - BA.

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Appendix I: Hunter Core Requirement.

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 11300
- 9 credits in math, science and technology (must include one laboratory science course)
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities. 2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

## SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards. 3 hrs
3 cr.

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr .

## SEDC 45600 - Student Teaching in Dance, Grades Pre-K-12

Two 30-day supervised placements (one in grades pre-K-6 and one in grades 7-12) in New York City public schools selected by Hunter College. Special Conditions: Students must apply for student teaching the fall semester before enrolling in this course. Scores on the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examination must have been received by the coordinator of adolescent education prior to enrollment in student teaching.
prereq or coreq: SEDF 20600, SEDC 22000
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .
DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)

Methods of teaching dance in grades pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.
prereq: completed 12 cr in dance or perm dance adviser
prereq or coreq: SEDF 20400

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Dance Pre-K - 12 - BA/MA

The BA/MA program in PreK-12 Dance Education leads to initial certification as a teacher in New York State.
This undergraduate program is designed to prepare prospective teachers to serve as high-quality educators for students in urban schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 24 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \&

Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.

A Hunter College Grade Point Average (GPA) of 3.0 or better.
Receive a grade of B or better in ENGL 120.
Have no more than 6 cr . of CR/NC grades.
Formal declaration of a major in dance.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

34-credits in the Dance - BA major plus 20 additional graduate credits including the following courses - DAN 740 , DAN 742, DAN 746, DAN 701, DAN 705, DAN 730, DAN 735.

## New York State Liberal Arts \& Science Distribution Requirement

These are courses required for School of Education students. Most of these courses may also be used towards the Appendix I: Hunter Core Requirement.

- ENGL 12000 and ENGL 22000
- Two courses selected from HIST 15100, HIST 15200 and GEOG 10100
- STAT 11300
- 9 credits in math, science and technology (must include one laboratory science course)
- 12 credits of foreign language
- One course in communication


## Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

## Education Courses for BA/MA in Dance Education PreK-Grade 12.

- SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)
- SEDF 20400 - Adolescent Development
- SEDC 21000 - Building the Foundations of Literacy in Grades 7-12
- SEDF 20500 - Educational Psychology: Applications in Grades 7-12
- SEDC 22000 - Adolescent Health and Safety

For graduate-level course descriptions please see the graduate catalog.

- SPED 70800: Teaching Students with Special Needs in Inclusive Settings
- SEDF 70600: Assessment of Teaching and Learning in Adolescent Education
- DAN 70100: Physical Training (taken twice)
- DAN 70500: Maintenance of the Instrument
- DAN 73000: Studies of Forms
- DAN 73500: Performance/Presentation
- DAN 74000: Aesthetics
- DAN 74200: Dance History
- DAN 74600: Special Topics
- DANED 76000: Methods I
- DANED 76200: Methods II
- DANED 76605: Student Teaching


## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Early Childhood Education, Birth-Grade 2-BA

The Early Childhood, Birth through Grade 2 undergraduate teacher education program prepares students to become New York State certified teachers of early childhood education.

This program is designed to prepare prospective teachers to serve as high-quality educators for students in urban schools and other childcare settings. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

This is a 36 -credit program in which students have an option to complete the course of study over four or six semesters.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can
be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.3 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

Undergraduate teacher education programs require a minimum cumulative GPA of 3.0. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

- Complete at least 30 credits toward the Bachelor's degree. Students with more than 72 credits should consider pursuing Early Childhood Education at the graduate level.
- Attain a Hunter College Grade Point Average (GPA) of 3.0 or better.
- Have taken the CUNY COMPASS exam for math placement, or taken MATH 10100, or have an equivalent pre-requisite for MATH 10400.
- Have completed ENGL 12000 (or a 200- or 300-level writing course) with a grade of B or better.
- Declare an appropriate liberal arts and sciences major either preceding admission or upon admission to the program.
- Have completed at least 12 credits at Hunter College. Transfer students with a GPA of 3.3 or better may be immediately considered for admission.


## Liberal Arts \& Sciences Major Requirement

All students in School of Education programs must also declare a major in the School of Arts \& Sciences. This major must lead to a BA degree.

See the School of Arts \& Sciences for more information on major options.

## New York State Liberal Arts \& Sciences Distribution Requirement

The courses listed below are required for all Early Childhood teacher candidates, and constitute several of the prerequisites for courses in the program. A minimum grade of C must be earned in these classes in order for them to count towards the program.
(These courses do not have to be completed for a student to be considered for admission):

- ENGL 120: Introduction to Expository Writing
- ENGL 220: Introduction to Literature
- Any 3 credits eligible to meet CUNY's Common Core in Creative Expression
- Two semesters of natural science. Courses used to meet CUNY's Common Core in Life and Physical Sciences, and in Scientific World can be used to meet this requirement (with the exception of computer science (CSCI) and economics (ECO) courses)
- POLSC 110: American Government
- Any 3 credits eligible to meet CUNY's Common Core in World Cultures and Global Issues
- SOC 101: Introduction to Sociology
- Any 3 credits eligible to meet CUNY's Common Core in Individual and Society (Humanities)
- 6 credits of foreign language
- MATH 104: Mathematics for Elementary Education 1


## Academic Progress Standards

Students must meet the following criteria in order to continue in the program:

- A minimum grade of C or better in all non-field courses (Courses can only be repeated once)
- A minimum grade of B or better in all fieldwork courses. (Fieldwork courses can only be repeated once)
- Maintain a cumulative GPA of at least 3.0
- Complete 6 credits of study in a foreign language prior to the completion of ECC 306: Language and Literacy for Children of Diverse Backgrounds, K-2
- Complete Math 104 with a minimum grade of C prior to registering for ECC 310: Mathematics in Early Childhood.
- Complete with a minimum grade of C two semesters of natural science prior to registering for ECC 311: Early Childhood Science and Inquiry-Based Learning. Courses used to meet CUNY's Common Core in Life and Physical Sciences, and in Scientific World can be used to meet this requirement (with the exception of computer science (CSCI) and economics (ECO) courses).
- Take and pass both the Academic Literacy Skills Test (ALST) and the Educating All Students test (EAS) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.
- Follow the course sequence, which represents the required classes that Early Childhood students must take each semester. The courses for each semester must be completed successfully in that term.


## Course of Study

## Six-Semester Track

## Semester 1

## ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed. prereq: ENGL 12000
coreq: ECF 20100, ECC 30000
3 hrs
3 cr .

## ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.

3 hrs
3 cr .

## ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.
coreq: ECF 20000, ECC 30000
2 hrs
$2 c r$.

## Semester 2

## ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (BPrekindergarten)

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families, programs and schools in early literacy development.
prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr.

## ECC 30400 - Creative Arts and Play-Based Learning

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.
prereq: ECC 30000, ECF 20000, ECF 20100
3 hrs
$3 c r$.

## ECC 30100 - Field work/Internship 1

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30400
50 hrs .
1 cr.
Offered fall and spring

## Semester 3

## ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and $2^{\text {nd }}$ grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
3 cr.

## ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.
prereq: ECF 20000, ECC 30000, ECC 30500
3 hrs
3 cr .

## ECC 30200 - Field work/Internship 2

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30800
50 hrs .
1 cr .
Offered fall and spring

## Semester 4

## ECC 31000 - Mathematics in Early Childhood

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.
prereq: MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr.

## ECC 31100 - Early Childhood Science and Inquiry-Based Learning

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning
will be discussed.
prereq: Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800
2 hrs
2 cr .

## ECC 30300 - Field work/Internship 3

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 31100
50 hrs .
1 cr.
Offered fall and spring

## Semester 5

## ECC 31400 - Health, Family, and Community Partnerships

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr .

## ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC
31100
3 hrs
3 cr.

## Semester 6

## ECC 40100 - Student Teaching

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend
seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).
prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC
31100, ECC 31400
3 hrs
3 cr .

## Four-Semester Track

## Semester 1

## ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed. prereq: ENGL 12000 coreq: ECF 20100, ECC 30000
3 hrs
3 cr.

## ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.
coreq: ECF 20000, ECF 20100
3 hrs
3 cr.

## ECC 30400 - Creative Arts and Play-Based Learning

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.
prereq: ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (BPrekindergarten)

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families,
programs and schools in early literacy development.
prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr.

## ECC 30100 - Field work/Internship 1

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30400
50 hrs .
1 cr.
Offered fall and spring

## Semester 2

## ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.
coreq: ECF 20000, ECC 30000
2 hrs
2 cr .
ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and $2^{\text {nd }}$ grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
$3 c r$.

## ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.
prereq: ECF 20000, ECC 30000, ECC 30500
3 hrs
3 cr.

## ECC 30200 - Field work/Internship 2

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30800
50 hrs .
1 cr.
Offered fall and spring

## Semester 3

## ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr .

## ECC 31000 - Mathematics in Early Childhood

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.
prereq: MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr .

## ECC 31100 - Early Childhood Science and Inquiry-Based Learning

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning will be discussed.
prereq: Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800
2 hrs
2 cr .

## ECC 30300 - Field work/Internship 3

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 31100
50 hrs .
1 cr .
Offered fall and spring

## Semester 4

## ECC 31400 - Health, Family, and Community Partnerships

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr.

## ECC 40100 - Student Teaching

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).
prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100, ECC 31400
3 hrs
3 cr .

## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## Mathematics (BA/MA): Additional Required Coursework and Student Teaching

## SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

## SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards. 3 hrs
3 cr .

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr .

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels. prereq: 12 credits of coursework
45 hrs
3 cr.

## Note

Please note that the parallel courses at the graduate level may be substituted for these undergraduate courses in the BA/MA Mathematics and the BA/MA Dance Programs.

## Additional Required Coursework and Student Teaching**

- SEDC 713 - Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science 3 cr
- SEDC 723 - Methods II: Intensive Study of Teaching Diverse Learners in Mathematics, Grades 7-12 2 cr
- SEDC 753 - Student Teaching in Mathematics, Grades 7-12 ( 60 days, 30 hrs seminar, plus workshops and conferences) 5 cr


## Note(s)

** See the Graduate Catalog for these graduate course descriptions

## Music Pre-K-12-BA/MA

The BA/MA program in PreK-12 Music Education leads to initial certification as a teacher in New York State.
This undergraduate program is designed to prepare prospective teachers to serve as high-quality educators for students in urban schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 25 -credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

## Applying for Admission

Before Hunter students can declare a School of Education major or minor, they must apply to the School of Education and be accepted. The School of Education application is open to current Hunter students throughout the year, and can be accessed online through the School of Education website. Students interested in an Education program should apply as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about applying to the School of Education as soon as they have been admitted to Hunter. Transfer students who have a GPA of at least 3.5 may apply to start an Education program in their first term at Hunter.

All applicants must complete an on-site writing test to assess written English skills, as well as participate in a group interview with other students and School of Education faculty members. Accepted students will declare both an appropriate major in the School of Arts \& Sciences, and a major or minor in the School of Education.

The undergraduate music education program requires a minimum cumulative GPA of 3.5. Candidates for BA/MA programs must also receive approval for graduate-level study by the relevant department in the School of Arts \& Sciences. The School of Education does not accept nondegree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

## Admission Requirements

1. Minimum of at least 65 credits but no more than 90 credits.
2. A Hunter College Grade Point Average (GPA) of 3.5 or better.
3. Receive a grade of B or better in ENGL 12000.
4. Have no more than 6 cr . of $\mathrm{CR} / \mathrm{NC}$ grades.
5. Formal declaration of a major in music.
6. Transfer students will have to complete 12 credits of coursework at Hunter College before applying. However, transfer students with 60 or more credits and a GPA of 3.3 or better may be immediately considered for admission.

## Liberal Arts and Sciences Major Requirements

Requirements are the same as those for the 42-credit Music-BA plus the following graduate-level courses: MUS 64100, MUS 64300, MUS 64500, MUS 64700, MUS 64900, MUS 65100, MUS 72400, MUS 75100, MUS 75200, MUS 77900,3 cr. Music elective chosen in consultation with graduate adviser. (For course descriptions, see graduate catalog)

See the BA/MA Music program catalog page for the music department major and audition requirements.
A minimum of 140 credits is required for this degree.

## Liberal Arts and Sciences Distribution Requirements

These are courses required for School of Education students. Most of these courses may also be used toward the Common Core Requirements.

- 6 credits of English courses
- 6 credits of social studies (at least one course in U.S. history or U.S. geography)
- 6 credits of foreign language
- 12 credits in math, science, or technology with at least one science with a lab component. (A college course in calculus meets 6 credits of these requirements)


## Academic Progress Standards

- Students must maintain a GPA of at least 3.5 and an education sequence index of at least 3.0.
- Any student who receives a grade of $\mathrm{B}-, \mathrm{C}+, \mathrm{C}$ or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of $\mathrm{D}+$ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester
- Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.5 and an education sequence index of 3.0.
- Take and pass the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
- Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.


## Course of Study

For graduate-level course descriptions please see the graduate catalog.

- SEDF 70300 - Social Foundations of Adolescent Education
- SEDF 70400 - Adolescent Development, Grades 7-12
- SEDF 70500 - Educational Psychology: Applications to Adolescent Education
- SEDF 70600 - Assessment of Teaching and Learning in Adolescent Education
- SPED 70800 - Teaching Students with Special Needs in Inclusive Settings
- SEDC 71000 - Building the Foundations of Literacy in Adolescent Education
- SEDC 72000 - Adolescent Health and Safety
- MUSED 67700 - Methods of Teaching Instrumental Music in Grades Pre-K-12
- MUSED 67800 - Methods of Teaching Vocal and General Music in Grades Pre-K-12
- SEDC 75600 - Student Teaching in Music, Pre-K-12


## School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certiifcation program at the School of Education. The workshop requires six clock hours of coursework or training.


## QUEST Four-Semester Sequence for Students Entering the Program with More than 40 credits

## Semester I

## QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and
practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr .

## QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

## HED 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100

3 hrs
3 cr .

## Total ED Credits 11

## Fieldwork 75 hours

## Semester II

## QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
2 cr .

## QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, QSTAB 30100
2 hrs
2 cr .

## QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200
75 hrs
1 cr .

## QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process. prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .

## Total ED Credits 8

Fieldwork 75 hours

## Semester III

## QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr .

## QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
2 cr.

## QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

[^15]prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr.

## QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .
Total ED Credits 11

## Fieldwork 75 hours

## Semester IV

## QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.

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prereq: QSTA 40600, 41000, 41200, QSTAB 30100
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coreq: QSTA 41500
2 hrs
$2 c r$.

## QSTA 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400
coreq: QSTA 41400

2 per week of seminar plus student teaching
4 cr .
Total ED Credits 6
Fieldwork 60 days
Total Credits 36
Note(s)

QSTA is a designation for courses offered by the Department of Curriculum and Teaching; QSTB is a designation for courses offered by the Department of Educational Foundations; QSTAB is a designation for fieldwork attached to two courses.

## QUEST Six-Semester Sequence for Students Who Enter the Program with 30-40 credits

## Semester I

## QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr .

## HED 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .
Total ED Credits 6

## Semester II

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr .

## QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

## Total ED Credits 5

## Fieldwork 75 hours

## Semester III

## QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100

## QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, QSTAB 30100
2 hrs
2 cr .

## QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200
75 hrs
1 cr.

## Total ED Credits 5

## Fieldwork 75 hours

## Semester IV

## QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr .

## QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
2 cr.

## QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr.
Total ED Credits 5

## Fieldwork 75 hours

## Semester V

## QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

## QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr .

## Total ED Credits 9

## Semester VI

## QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
coreq: QSTA 41500
2 hrs
2 cr .

## QSTA 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400
coreq: QSTA 41400
2 per week of seminar plus student teaching
4 cr.
Total ED Credits 6
Fieldwork minimum of 60 days
Total Credits 36
Note(s)

QSTA is a designation for courses offered by the Department of Curriculum and Teaching; QSTB is a designation for courses offered by the Department of Educational Foundations; QSTAB is a designation for fieldwork attached to two courses.

## Education: Adolescent

## SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards. 3 hrs
3 cr .

## SEDC 21100 - Young Adult Literature in Our Diverse Society

Familiarizes prospective teachers with a wide variety of literature for or about young adults. Books discussed and dramatized during each session reflect diverse cultures, varying learning styles, and special needs of young adults. The English language arts standards are addressed as delineated in city and state regulations. Literacy and comprehension skills are explored as well.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

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The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .
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## SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 21500 - Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12

Rationales and methodologies for teaching social studies based on current theories of the nature of students, the social sciences and secondary schooling.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

## SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr .

## SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12

Methodology that facilitates the learning of English language arts for a diverse population in secondary schools. Teacher candidates will engage in ways of teaching adolescents the skills of reading, responding to literature, writing (creative and expository), listening, speaking, and applying grammar conventions. They will write lesson and unit plans and experiment with classroom management and assessment techniques as they present lessons to the class for peer and instructor criticisms. State and city teaching standards will be applied throughout the course.
prereq: SEDC 21100
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/ heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.
prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 32300 - Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in mathematics. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 712

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in the social studies. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21500
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr .

## SEDC 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48 -hour field experience in a grade 712 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr .

## SEDC 45100 - Student Teaching in English, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades $10-12$ under the supervision of a Hunter College faculty member and a certified English teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32100
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45210-Student Teaching in Chinese, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Chinese teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

## SEDC 45220 - Student Teaching in French, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified French teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr .

## SEDC 45230 - Student Teaching in German, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified German teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45250 - Student Teaching in Hebrew, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Hebrew teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45260 - Student Teaching in Italian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Italian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr .

## SEDC 45270 - Student Teaching in Russian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Russian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr .

## SEDC 45280 - Student Teaching in Spanish, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades $7-9$ and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Spanish teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45300 - Student Teaching in Mathematics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified math teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

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prereq: SEDC 32300
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
cr.
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## SEDC 45410 - Student Teaching in Biology, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified biology teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

## SEDC 45420 - Student Teaching in Chemistry, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified chemistry teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr .

## SEDC 45430 - Student Teaching in Physics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified physics teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDC 45500 - Student Teaching in Social Studies, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified social studies teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
prereq: SEDC 32500
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr .

## SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr .

## SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr.

## SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr .

## SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr .

## SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program.

A new State regulation requires that all teacher education programs leading to initial certification include a 3-credit course in teaching students with disabilities. This course will be added to all initial certification programs that do not currently have such a course. It is intended for teachers of general (not special) education at all grade levels.
prereq: 12 credits of coursework
45 hrs
3 cr.

## Education: Early Childhood

## ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.
coreq: ECF 20000, ECF 20100

3 hrs
3 cr .

## ECC 30100 - Field work/Internship 1

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30400
50 hrs .
1 cr .
Offered fall and spring

## ECC 30100, 30200, 30300 - Field work/Internships

These field work experiences are companion courses for three content classes: ECC 30400, ECC 30800, and ECC 31100. Refer to the four and six- semester sequence charts for a detailed listing of other co-requisites.
companion courses for three content classes: ECC 30400, ECC 30800, and ECC 31100.
1 per course
3 cr. total

## ECC 30200 - Field work/Internship 2

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 30800
50 hrs .
1 cr.
Offered fall and spring

## ECC 30300 - Field work/Internship 3

This course gives students the means to connect conceptual and theoretical information about children, early childhood education, and effective teaching to daily classroom life. Each of the fieldwork courses places students in classrooms where they will gain experience teaching in a full range of early childhood settings.
coreq: ECC 31100
50 hrs .
1 cr.
Offered fall and spring

## ECC 30400 - Creative Arts and Play-Based Learning

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.

3 hrs
3 cr .

## ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (BPrekindergarten)

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families, programs and schools in early literacy development.
prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr .

## ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and $2^{\text {nd }}$ grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
3 cr.

## ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.
prereq: ECF 20000, ECC 30000, ECC 30500
3 hrs
3 cr.

## ECC 31000 - Mathematics in Early Childhood

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.
prereq: MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr .

## ECC 31100 - Early Childhood Science and Inquiry-Based Learning

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning will be discussed.
prereq: Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800
2 hrs
2 cr.

## ECC 31400 - Health, Family, and Community Partnerships

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr .

## ECC 40100 - Student Teaching

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).
prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC
31100, ECC 31400
3 hrs
3 cr .

## ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed. prereq: ENGL 12000
coreq: ECF 20100, ECC 30000
3 hrs
3 cr .

## ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.

2 hrs
2 cr .

## ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.
prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100

3 hrs
3 cr.

## Education: Quest (Childhood)

## QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.
3 hrs
3 cr .

## QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.
coreq: QSTB 20200, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr.

## QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement. prereq: MATH 10400, 10500, QSTA 41000, 41200, QSTAB 30000
coreq: QSTB 41300, QSTAB 30200
2 hrs
2 cr.
QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

## QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000, CSCI 11500
coreq: QSTA 41200, QSTAB 30100
2 hrs
2 cr.

## QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, QSTAB 30100
2 hrs
2 cr.

## QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.
prereq: QSTA 40600, 41000, 41200, QSTAB 30100
coreq: QSTA 41500
2 hrs
2 cr .

## QSTA 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.
prereq: QSTA 40600, 40700, QSTB 41300, QSTAB 30200, HED 31400

## QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
coreq: QSTA 40100, QSTB 20200
prereq or coreq: QSTA 40000, CSCI 11500
75 hrs
1 cr .

## QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
coreq: QSTA 41000, 41200
75 hrs
1 cr .

## QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTB 41300
75 hrs
1 cr.

## QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr.

## QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

## QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.
prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr .

## Education: Dance Education

## DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)

Methods of teaching dance in grades pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.
prereq: completed 12 cr in dance or perm dance adviser
prereq or coreq: SEDF 20400
3 hrs plus 36 hours fieldwork
4 cr .

## SEDC 45600 - Student Teaching in Dance, Grades Pre-K-12

Two 30-day supervised placements (one in grades pre-K-6 and one in grades 7-12) in New York City public schools selected by Hunter College. Special Conditions: Students must apply for student teaching the fall semester before enrolling in this course. Scores on the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examination must have been received by the coordinator of adolescent education prior to enrollment in student teaching.

## Education: Health Education

## HED 20100 - Women and Health

```
Pluralism and Diversity
PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed WGSP 25100
3 hrs
3 cr.
```


## HED 30500 - Sex Education

An overview of human sexuality through affective processes with an emphasis on social and cultural influences, and the role of family and school in sexuality education.
3 hrs
3 cr.

## HED 30600 - Drugs and Drug Dependencies

The nature of addiction and dependency. The course focuses on social learning theory and the role of family, school, and community in drug prevention education.
3 hrs
3 cr .

## HED 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
prereq: QSTB 20200, QSTF 30100
prereq or coreq: QSTF 30200
3 hrs
3 cr .

HED 48000 - Independent Study in Health Education

An exploration in an area of special interest with faculty guidance. Topic to be approved by adviser.
30-45 hrs
1-3 cr.

## Education: Research Course

EDUC 49000 - Honors Course in Educational Research

Individual research in education. Admission by permission of the chairperson.

2 hrs
2 cr .

## Programs and Courses in English

## English


#### Abstract

About the Department

The English Department offers students a variety of courses in the study of literature, literary theory, composition, rhetoric, linguistics and creative writing. The Department is interdisciplinary in its offerings, with a diverse faculty whose areas of research and approaches to teaching offer Hunter students a wide spectrum of historical, post-modern, theoretical, textual, and socio-cultural approaches to literary study, rhetoric and composition, linguistics and language, and creative writing. The department encourages disciplined, original thinking and writing while its small classes promote learning through stimulating discussions.

Introductory and intermediate courses present a wide range of literary forms, periods and genres. Students who major in English choose one of five concentrations: Literatures, Language and Criticism; Creative Writing; Adolescent Education (a concentration designed for prospective high school teachers), English Language Arts and Linguistics and Rhetoric. Qualified students may enroll in honors seminars and tutorials. The English Department participates in Hunter's interdisciplinary programs in Asian American Studies, Comparative Literature, Women's and Gender Studies, and Religion. The English major provides a foundation for careers in writing, teaching, journalism, publishing, law, business, or any other career that depends on the ability to read analytically and write effectively.


ENGL 22000 - Introduction to Writing about Literature (W) is a prerequisite for all literature courses numbered above 22000 in the English Department. Students who plan to major in English should take no more than 6 credits past ENGL 22000 before declaring the major.

ENGL 30000 - Introduction to Creative Writing is a prerequisite for all 300 - and 400 - level writing courses (except ENGL 30100). Students must pass this course with a minimum grade of B to major in creative writing.

## Programs and Courses

Programs and Courses in English

## Administration and Faculty

## Department Office:

1212 West
(212) 772-5070

Web site: http://www.hunter.cuny.edu/~english
Chair:
Sarah Chinn
1212A West

Deputy Chair:

Angela Reyes<br>1232 West<br>(212) 772-5076<br>arreye@hunter.cuny.edu

Faculty

English Faculty
HEGIS Codes: 1502

## Undergraduate Major

## Concentration in Creative Writing (39 cr)

## Return to Programs and Courses in English

The concentration in Creative Writing is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 25200 Introduction to Literary Studies, five required courses in literature, and at least four creative writing workshops.

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core
Requirement

Courses
ENGL 12000
ENGL 22000

## CUNY Common Core

English Composition (EC)
English Composition (EC)

Foundational or Major
Foundational
Foundational

## B.A. in English: Concentration in Creative Writing

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major


## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization. prereq: ENGL 22000
3 hrs.
3 cr .
B. Five Required Literature Courses (15 cr)

1. Required Course

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following courses in American Literature

ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-
ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .
3. One course chosen from the following courses in Multi-Ethnic or Transnational Literatures written in English

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .
-Or-

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32100 - Topics in African American Literature

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

```
prereq: ENGL 22000
```

3 hrs
$3 c r$.
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

## Pluralism and Diversity

P\&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .
-Or-

## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
4. One course chosen from the following courses in Literary Theory, Linguistics, or Rhetoric

## ENGL 30600 - Literary Theory (W)

GER
3/A

Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.
prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English. prereq: ENGL 22000
3 hrs
3 cr.
-or-

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the
former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## 5. One 300- or 400-level English course with a focus on literature or rhetoric before 1800

Note:

1. Students may use a period appropriate Honors Seminar to satisfy this requirement. Students may not use ENGL 33800 or ENGL 39500 to satisfy this requirement.
2. Topics courses must conform to the pre-1800 period requirement. Consult individual course descriptions or an English advisor for guidance.
Students may choose from among the following English courses:

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32200 - Topics in Gender and Sexuality in Literature

```
Pluralism and Diversity
PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural,
historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different
topic.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr .

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

```
prereq: ENGL 22000
```

3 hrs
3 cr .

## ENGL 32600 - Topics in US Latina/o Literature

```
Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
cr.
```


## ENGL 32700 - Topics in Caribbean Literature (W)

```
Pluralism and Diversity
PD/A
GER
3/A
```

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

## GER

3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33500 - Chaucer

Pluralism and Diversity
PD/D
GER
3/A
Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33600 - Medieval Literature (1100-1500)

## GER

3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33700 - Literary Aspects of Folklore

## GER

3/A

Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20 ${ }^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34200 - Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34700 - Language and Ethnicity

## Pluralism and Diversity

PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 35000 - Renaissance Drama

```
Pluralism and Diversity
GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors
may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career. prereq: ENGL 22000
3 hrs
3 cr .
ENGL 35300-Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 35400 - Shakespeare II

```
Pluralism and Diversity
PD/D
GER
3/A
Study of works from second half of Shakespeare's career. prereq: ENGL 22000
3 hrs
3 cr .
```

ENGL 35500 - Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36000 - The 17th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
3/A
Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36300-Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36500 - The Later 18th Century

Pluralism and Diversity
PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36800 - The 18th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A
A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37200-Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38300 - Topics in Renaissance Literature

GER
3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 38400 - Topics in Restoration and 18th Century Literature

GER
3/A
Topics vary from semester to semester.

3 hrs
3 cr .

## ENGL 38600 - Topics in British and American Literature

```
Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A
```

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38700-Topics in British and/or Irish Fiction

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D ; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38900 - One Major Writer (W)

## Pluralism and Diversity

PD/C or D
GER
3/A
Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may
satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.

```
prereq: ENGL 22000
3 hrs
cr.
```


## ENGL 39400 - World Literature: Drama

## GER

3/A
Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A
Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C

GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 49000 - Advanced Topics Seminar

Focused study of and research on selected authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated for credit if a different topic is taken.
prereq: ENGL 22000; ENGL 25200; completion of at least 24 credits in the major with a minimum GPA of 2.0
3 hrs.
3 cr .

## ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A
Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr .

## C. Four Required Creative Writing Workshops (12 cr)

1. All students who are planning to concentrate in Creative Writing must first take:

## ENGL 30000 - Introduction to Creative Writing

## GER

3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300 -level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .
(and pass it with a grade of B or higher)
2. Students must then take 3 more creative writing workshops from the following, at least one of which must be a level-II workshop.

Note: Students may repeat level-II workshops once for credit. Students may not take a Level-II Workshop without first taking the Level-I Workshop in that genre. Students may not take ENGL 484 without first taking a Level-II Workshop in that genre.

## ENGL 30800 - Workshop in Non-Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr.

## ENGL 30900 - Workshop in Non-Fiction II

GER
3/A
A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
3 cr .

## ENGL 31100 - Workshop in Fiction I

GER
3/A
Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction. prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 31300 - Workshop in Fiction II

GER
3/A
A continuation of ENGL 31100, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31100

3 hrs
3 cr .

## ENGL 31400 - Workshop in Poetry I

## GER

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry
prereq: ENGL 30000
3 hrs
3 cr.

## ENGL 31600 - Workshop in Poetry II

## GER

3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31400
3 hrs
3 cr .

## ENGL 48400 - Special Studies Seminar

## GER

3/A

Topics in British and American literature or linguistics. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
3 hrs
3 cr .
(offerings vary and may include: Advanced Workshop in Poetry; Advanced Prose Writing; Narrative Forms: Strategies in Fiction; or The Art of Revision: Poetry and Fiction - See the Department web page each semester for current information.)

## D. Three Electives (9 cr.)

Electives may be chosen from any of the department's 300 -or 400-level courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). In special cases, full-time faculty may find it appropriate to supervise a student who is interested in taking on an individual creative project for 3 credits; this option is listed in the catalogue, and in semester-by-semester class postings, as ENGL 48500: Independent Tutorial Study. Successful completion of such a course may also, if arranged beforehand, qualify as an Honors course. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both.
Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another
department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in English Language Arts (39 cr.)

Return to Programs and Courses in English
The concentration in English Language Arts is designed to provide students with experience in the study of literature, language, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. The English department strongly recommends that students choose at least one Language, Writing, or Modern/Contemporary Literature elective course.

This concentration consists of five parts:
Note: Double majors may count the course toward the requirements for only one of their majors. Students wishing to take a 300 -level course that is not listed below must get prior written consent from an English advisor, and any such course is subject to the pre-requisites of the department in which the course is taken. Students also enrolled in the QUEST major may satisfy one of their ELA elective requirements by taking any Art History, Music History, Theatre, or Dance History course. Taking one of these courses will also satisfy 3 credits of the QUEST Arts Distribution requirement. This option is available only to ELA majors who are also majoring in QUEST.

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## B.A. in English: Concentration in English Language Arts

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major


## ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr.
B. Four Required Literature Courses (12 cr.)

## 1. Three Required Courses

## ENGL 30500 - Studies in Children's Literature

GER
3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr.
2. One course chosen from among the following courses in American Literature (3 cr)

ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr.
-or-

## ENGL 39600 - American Prose from Reconstruction to World War I

## GER

3/A
Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A
Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr .

## C. Two Required Language and/or Rhetoric Courses (6 cr.)

## 1. Required Course

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr.
2. One course chosen from among the following (3 cr):

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

3 hrs
3 cr
-or-

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .
-Or-

## ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34800 - English Across the World


#### Abstract

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.


prereq: ENGL 22000
3 hrs
3 cr
D. Two Required Courses in Writing (6 cr.)

## 1. Required Course

## ENGL 30100 - Theory and Practice of Expository Writing

## GER

3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .

## 2. One course chosen from among the following (3 cr):

## ENGL 30000 - Introduction to Creative Writing

## GER

3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300 -level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 30800 - Workshop in Non-Fiction I

## GER

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to
develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr .
-or-

## ENGL 34100 - Rhetorical Principles of Expository Writing

## GER

3/A
This course will focus on the relationship between rhetorical principles and academic writing.
prereq: ENGL 22000
3 hrs
3 cr .
Note: Students must take ENGL 30000 or 30100 before taking ENGL 30800.

## E. Four Electives (12 cr.)

Students may choose from among 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). It is strongly recommended that students consider choosing either a Modern/Contemporary Literature, Linguistics, Rhetoric, or Writing course to fulfill one of the Elective requirements. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both.

NOTE: Students also enrolled in the QUEST major may satisfy one of their ELA elective requirements by taking any Art History, Music History, Theatre, or Dance History course. Taking one of these courses will also satisfy 3 credits of the QUEST Arts Distribution requirement. This option is available only to ELA majors who are also majoring in QUEST. To take a 300 -level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in English: Preparation for Secondary School Teaching ( 39 cr )

Return to Programs and Courses in English
The concentration in English: Preparation for Secondary School Teaching is designed to prepare students to teach English in grades 7-12 by providing a foundation in British, American, and Multi-Ethnic literatures, as well as writing and language studies. Students choosing this concentration take ENGL 252 Introduction to Literary Studies, 18 credits of required literature courses, 6 credits of required writing courses, a 3-credit language course, and three electives chosen from among 300- and 400-level courses offered by the Department, with the option to choose one of their three electives from a menu of courses in other departments and programs. When taken together with the requirements for the Secondary Education minor of the School of Education, this program meets initial certification requirements for New York State and New York City public schools. Students interested in the Education minor must apply to the School of Education for admission. Students who do not wish to pursue certification need not take the Secondary

Education minor. Eligible English: Preparation for Secondary School Teaching majors may pursue English Departmental Honors by taking ENGL 49400 Honors Seminar.

Note: The English Department strongly recommends that students take at least one modern or contemporary literature course.

This concentration consists of five parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core
Requirement
Courses CUNY Common Core Foundational or Major

ENGL 12000
ENGL 22000
English Composition (EC) Foundational
English Composition (EC)
Foundational

## B.A. in English: Concentration in English: Preparation for Secondary School Teaching

## A. Introduction to Literary Studies (3 cr)

## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr .

## B. Six Required Literature Courses (18 cr)

## 1. Three Required Courses ( 9 cr )

ENGL 30300 - Western Literary Backgrounds of British and American Literature

Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 30600 - Literary Theory (W)

GER
3/A
Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following (3 cr):

## ENGL 35200 - Shakespeare Survey

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 35300-Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A
Study of works from first half of Shakespeare's career.
prereq: ENGL 22000

3 hrs
3 cr .
-or-

## ENGL 35400-Shakespeare II

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .
3. One course chosen from the following (3 cr):

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A
Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000

3 hrs
4. One course chosen from the following (3 cr.)

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P\&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .
C. Required Writing Courses ( 6 cr)

1. Theory and Practice of Expository Writing (3 cr)

## ENGL 30100 - Theory and Practice of Expository Writing

GER
3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .
2. One course chosen from the following (3 cr.)

ENGL 30000 - Introduction to Creative Writing

## GER

3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300 -level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34100 - Rhetorical Principles of Expository Writing

GER
3/A

This course will focus on the relationship between rhetorical principles and academic writing.
prereq: ENGL 22000
3 hrs
3 cr .

## D. Required Language Course (3 cr)

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr.

## E. Three Electives (9 cr)

Students may choose from among 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). It is strongly recommended that students consider choosing either a Modern/Contemporary Literature, Linguistics, Rhetoric, or Writing course to fulfill one of the Elective requirements. All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a 300 -level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## Concentration in Linguistics and Rhetoric (39 cr)

The concentration in Linguistics and Rhetoric is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

The concentration consists of two parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## BA in English: Concentration in Linguistics and Rhetoric

## A. REQUIRED COURSES (30 cr)

## 1. Two Required Courses ( 6 cr )

## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs .
3 cr .

## ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000

3 hrs
3 cr .

## 2. Two additional courses in linguistics chosen from the following (6 cr)

## ENGL 30100 - Theory and Practice of Expository Writing

## GER <br> 3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power. prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33300 - Topics in Language and Linguistics

## GER

3/A
Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of
discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.
prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr
-or-

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## 3. Theory and Practice of Expository Writing (3 cr)

## ENGL 30100 - Theory and Practice of Expository Writing

## GER

3/A

Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .
4. Two courses in rhetoric chosen from the following (6 cr)

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34100 - Rhetorical Principles of Expository Writing

## GER

3/A

This course will focus on the relationship between rhetorical principles and academic writing.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34200-Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## 5. Survey of British Literature I (3 cr)

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## 6. One course in American literature chosen from the following (3 cr)

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 39700 - Pre-20th Century American Poetry

## GER

3/A
Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration. prereq: ENGL 22000
3 hrs
3 cr .
7. One additional course in literature chosen from the following (3 cr)

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000

3 hrs
3 cr .
-or-

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A
Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr.
-or-

## ENGL 32100 - Topics in African American Literature

## Pluralism and Diversity

PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32300 - Topics in Asian American Literature

## Pluralism and Diversity

PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.

Topics vary from semester to semester. May be repeated once for credit with a different topic. prereq: ENGL 22000
3 hrs.
$3 c r$.
-Or-

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
-Or-

## ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P\&D A
GER
3/A
Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32600 - Topics in US Latina/o Literature

## Pluralism and Diversity

PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-
ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32900-Topics in Cross-Cultural Literature in English (W)

## GER

3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 33300-Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 34200-Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## B. THRE ELECTIVE COURSES (9 CREDITS)

Students may select electives from any 300- or 400-level English courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). ENGL 30600 - Literary Theory (W) is strongly recommended for all Linguistics and Rhetoric students. Students may also choose from courses related to linguistics or rhetoric offered in other departments, such as Anthropology (e.g., ANTHC 15100 - Introduction to Linguistics ; ANTHC 32076 - Language, Sex and Gender ; ANTHC 35100 - Language in Culture and Society ), Classics (e.g., CLA 11000 - The Greek and Latin Roots of English , and Philosophy (e.g., PHILO 10300 - Introduction to Logic and Critical Thinking ); or from courses in foreign language study that are beyond those taken in fulfillment of the foreign language requirement (e.g., advanced courses in a second language, beginning courses in a third language).
All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

Note
*ENGL 33300 and ENGL 34200 may be taken multiple times in different topics to fulfill both required and elective courses

## Concentration in Literatures, Language and Criticism (39 cr)

## Return to Programs and Courses in English

Majors who plan to concentrate in Literatures, Language and Criticism take ENGL 25200 Introduction to Literary Studies within one semester of declaring the major, four required courses (33800, 39500, 30600, and either 32000 or 32500), and three courses in a specialized area of study. We recommend that students take the four required courses early in their major studies, preferably soon after they have declared the major. Students are also required to take one 300- or 400 -level English course with a focus on literature or rhetoric before 1800 (excluding the required ENGL 33800 and 39500).
The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, but the remaining five are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an advisor to design her own area of study.

This concentration consists of five parts:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on
the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 | English Composition (EC) | Foundational |
| ENGL 22000 | English Composition (EC) | Foundational |

## B.A. in English: Concentration in Literatures, Language and Criticism

## A. Introduction to Literary Studies (3 cr)

- to be taken within one semester of declaring the major


## ENGL 25200 - Introduction to Literary Studies

## GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr .

## B. Required Courses (12 cr)

The following four courses are required for all students in this concentration:

## ENGL 30600 - Literary Theory (W)

## GER

3/A

Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

```
A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors
and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 32000 - Multi-Ethnic American Literature (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .
-or-

## ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P\&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

## GER

3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .

## C. Required Area of Study (9 cr)

Students in this concentration must take three additional courses in one of the areas below. Particularly motivated students may also obtain prior approval from an advisor to design an area of their own choosing (e.g. literature by genre or by historical period, literary theory, cultural studies).

1. British and/or Irish Literatures
2. American Literatures, including African American, Asian American, Latino, and Native American
3. Transnational and/or Postcolonial Studies
4. Gender and Sexuality Studies
5. Race, Ethnicity, and/or Class Studies
6. Linguistics, Language, and/or Rhetoric
7. Transatlantic Studies

## D. One 300- or 400-level English course with a focus on literature or rhetoric before 1800 ( 3 cr )

Note: Students may use a period appropriate Area of Study course or Honors Seminar to satisfy this requirement. Students may not use ENGL 33800 or 39500 to satisfy this requirement.

Students may choose from among the following English courses:

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A
Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

## Pluralism and Diversity

PD/C
GER
3/A
Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32200 - Topics in Gender and Sexuality in Literature

## Pluralism and Diversity

PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32300 - Topics in Asian American Literature

## Pluralism and Diversity

PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr .

## ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32700 - Topics in Caribbean Literature (W)

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

## GER

3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English. prereq: ENGL 22000
3 hrs
3 cr .
ENGL 33300 - Topics in Language and Linguistics

## GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33500 - Chaucer

Pluralism and Diversity
PD/D
GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 33600 - Medieval Literature (1100-1500)

## GER

3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33700 - Literary Aspects of Folklore

## GER

3/A

Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 34000 - History of Rhetoric

## GER

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20 $0^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 34700 - Language and Ethnicity

```
Pluralism and Diversity
PD/B
GER
3/A
```

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 35000 - Renaissance Drama

## Pluralism and Diversity

GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A
Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A
A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35300-Shakespeare I

```
Pluralism and Diversity
PD/D
GER
3/A
Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 35400 - Shakespeare II

```
Pluralism and Diversity
PD/D
GER
3/A
Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3cr.
```

ENGL 35500 - Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36000 - The 17th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 36100 - Milton

```
Pluralism and Diversity
PD/D
GER
3/A
Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan. prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 36500 - The Later 18th Century

## Pluralism and Diversity

PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 36800 - The 18th Century English Novel

## Pluralism and Diversity

PD/D
GER
3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37200-Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A
Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or

Middle English.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38300 - Topics in Renaissance Literature

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38400 - Topics in Restoration and 18th Century Literature

## GER

3/A
Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38700 - Topics in British and/or Irish Fiction

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.
prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 38900-One Major Writer (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39400 - World Literature: Drama

GER
3/A
Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A
Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 49000 - Advanced Topics Seminar

Focused study of and research on selected authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated for credit if a different topic is taken.
prereq: ENGL 22000; ENGL 25200; completion of at least 24 credits in the major with a minimum GPA of 2.0
3 hrs.
3 cr .

## ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A
Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr .

## E. Electives (12-15 cr)

The remaining courses in the major are electives, chosen by the student. Unless a student uses an Area of Study course to fulfill the requirement, one of these courses must be a 300- or 400-level English course with a focus on literature or rhetoric before 1800 .
All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 342.51 Britain Since 1689 may count that course toward either the English or History major, not both. Students may
choose from the courses and departments listed below.
Note: To take a 300 -level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

## English - BA

Major

The English Department offers students five concentrations: (1) Literatures, Language and Criticism, (2) Creative Writing, (3) English: Preparation for Secondary School Teaching, (4) English Language Arts, and (5) Linguistics and Rhetoric. Thirty-nine credits ( 13 classes) in 300-and 400-level courses are required for each concentration. Up to 6 credits in the major sequence may be taken for CR/NC. Students must take ENGL 22000 before declaring the major or taking any other English classes (with the exception of ENGL 21800 - Advanced Expository Writing).

Concentration in Literatures, Language and Criticism (39 cr)
Concentration in Creative Writing (39 cr)
Concentration in English Language Arts (39 cr.)

## Concentration in English: Preparation for Secondary School Teaching (39 cr)

## Concentration in Linguistics and Rhetoric (39 cr)

## Literatures, Language and Criticism Concentration

Majors who choose the Concentration in Literatures, Language and Criticism (39 cr) take five required courses ( 15 cr ), and three courses in a specialized area of study ( 9 cr .). The department recommends that students take the five required courses early in their major studies, preferably soon after they have declared the major. The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, and the remaining four are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an adviser to design her own area of study.

## Creative Writing Concentration

[^16]workshops, beginning with the level-I workshop in the genre(s) in which they are interested: ENGL 30800, 31100, or 31400. Students are required to take at least one level-II workshop (ENGL 30900, 31300, or 31600) after completing the level-I workshop in that genre. Students may also take one of the special topics genre workshops (ENGL 48400) after completing both 300 -level workshops in that genre. The remaining three courses for the major are electives and may be chosen from any of the department's 300 -or 400-level courses, including, if the student is eligible, one of the Honors Seminars (ENGL 49400). In special cases, full-time faculty may find it appropriate to supervise a student who is interested in taking on an individual creative project; this option is listed in the catalogue, and in semester-bysemester class postings, as ENGL 48500: Independent Tutorial Study. Successful completion of such a course may also, if arranged beforehand, qualify as an Honors course.

## English Language Arts Concentration

The Concentration in English Language Arts (39 cr.) is designed to provide students with experience in the study of literature, language, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. Students take ENGL 25200, Introduction to Literary Studies ( 3 cr ), four required literature courses ( 12 cr ), two required courses in language and/or rhetoric ( 6 cr ), and two required courses in writing ( 6 cr ). The remaining four courses ( 9 cr ) are electives and may be chosen from among the following: any of the English department's 300- or 400-level literature courses, including, if the student is eligible, one of the Honors seminars (ENGL 49400); any of the 300-level Creative Writing workshops for which the student has met the prerequisite(s); any 300- or 400-level courses in linguistics or literatures taught in English in other departments for which the student meets that department's prerequisite(s); and selected Theatre courses (16000, 16100, 32100, 37600, 37700,37800 ) for which the student meets that department's prerequisite(s). The English department strongly recommends that students choose at least one Language, Writing, or Modern/Contemporary Literature elective course.

## Concentration in Preparation for Secondary School Teaching

The Concentration in English: Preparation for Secondary School Teaching (39 cr) is designed to prepare students to teach English in grades 7-12 by providing a foundation in British, American, and Multi-Ethnic literatures, as well as writing and language studies. Students choosing this concentration take ENGL 25200, Introduction to Literary Studies ( 3 cr ), 18 credits of required literature courses, 6 credits of required writing courses, one 3 -credit language course, and three electives chosen from among 300-and 400 -level courses offered by the Department. When taken together with the requirements for the Secondary Education minor of the School of Education, this program meets initial certification requirements for New York State and New York City public schools. Students interested in the Education minor must apply to the School o Education for admission. Students who do not wish to pursue certification need not take the Secondary Education minor. Eligible English: Preparation for Secondary School Teaching majors may pursue English Departmental Honors by taking ENGL 49400 - Honors Seminar: Special Studies.

Concentration in Linguistics and Rhetoric
The Concentration in Linguistics and Rhetoric ( 39 cr ) is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. . Students choosing this concentration will take ENGL 25200, Introduction to Literary Studies ( 3 cr ), three courses in linguistics ( 9 cr ), three courses in composition and rhetoric ( 9 cr ), three courses in literature ( 9 cr ), and three electives ( 9 cr ). This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

Note: The English Department strongly recommends that students take at least one modern or contemporary literature course.

## Honors

In order to qualify for departmental honors, students must take the Honors Seminar (ENGL 49400) and write an honors essay. The essay is normally written in relation to the Honors Seminar and under the supervision of the professor teaching the seminar. To to take the Honors Seminar, students must first complete at least 24 credits of 300 - and/or 400 -level English classes with a GPA of at least 3.5 in those courses and an overall GPA of at least 2.8 . Of these 24 credits, 21 must be taken at Hunter (in exceptional cases, 18 credits may suffice). The Honors Seminar requirement is in addition to the specified required courses in the student's concentration. Students interested in pursuing departmental honors should consult an undergraduate adviser. Please see the college rules on Academic Honors for more information in Section IV: Academic Policies \& Procedures .

## ENGL 49400 - Honors Seminar: Special Studies

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.

## Note(s)

The Honors Seminar requirement is in addition to the specified courses in the student's major concentration. Students interested in departmental honors should consult the undergraduate adviser.

## Minor in English

The English Department offers a 12-credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. Students may declare the Minor only after completing ENGL 22000 - Introduction to Writing about Literature (W), the prerequisite for all English courses above the 220 level. Students minoring in English may choose four courses ( 12 cr .) from among 200- and 300-level literature, language, rhetoric, or writing offerings, with a minimum of two 300 -level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 30000 - Introduction to Creative Writing, with a minimum grade of B .

Note:

NOTE: English 22000 does not count towards fulfillment of the Minor. ENGL 21800-Advanced Expository Writing, may be used towards fulfillment of the Minor requirements, but ENGL 20100-Intermediate Expository Writing Using Small-Group Methods, may not. English minors may not take 400-level courses.

## Undergraduate Minor

## Minor in English

The English Department offers a 12 -credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. The prerequisite to declare a minor is ENGL 22000 - Introduction to Writing about Literature (W). Students minoring in English may choose four courses ( 12 cr .) from among 200- and 300-level literature, language, or writing offerings, with a minimum of two 300-level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 30000 - Introduction to Creative Writing, with a minimum grade of B.

NOTE: No course below English 22000 counts towards fulfillment of the Minor except ENGL 21800 - Advanced Expository Writing . English minors may not take 400-level courses.

## English: Courses for English Language Learners

## ENGL 00200SL - Reading II

Critical reading of varied textbook materials. Efficient study skills and test-taking. Placement test required.
3 hrs
2 cr .

## ENGL 00400SL - English for Bilingual Students II

Frequent paragraphs and essays: organizing, correcting grammar and sentence structure. Placement test required. 6 hrs + conf
1 cr .

## ENGL 00500SL - English for Bilingual Students III

Frequent essays: organizing ideas, revising, improving sentence variety, idiomatic structure. Placement test required. 3 hrs + conf
2 cr .

## English: Introductory and Intermediate Literature Courses

## ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core<br>English Comp (EC)<br>GER<br>2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

## ENGL 25000 - Topics in Literature

Hunter Core<br>Creative Expression (CE)<br>Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{A}$ or B or C or D<br>GER<br>2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25100 - Topics in Literature

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs .
3 cr .
ENGL 25400 - Survey of British Literature II: the Eighteenth Century to the Present

```
Pluralism and Diversity
P/D D
GER
3/A
```

Chronologically arranged readings in British literature from the 18th to the 20th century. prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 25500 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Each course examines literature written in the English language by writers in non-European traditions. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25600 - Topics in Literature by Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Each course is an examination of one or more of the following groups: African Americans, Asian Americans, Latino Americans, Native Americans and Caribbean Americans. May be repeated once for credit with a different topic. prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women written in English will be studied with emphasis on the diversity of women's lives and the effect of gender on experience. May be repeated once for credit with a different topic.
cross-listed WGS 25800 (W)
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35800-Topics in Literature

Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs .
3 cr .
English: Advanced Literature, Linguistics and Rhetoric Courses

## ENGL 30200 - Introduction to Literary Analysis (W)

## GER

3/A

Study of selected authors, works, genres, or time periods emphasizing various modes of critical analysis and methods of research.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 30300 - Western Literary Backgrounds of British and American Literature

```
Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman
epic, and exploration of their influence on works from other periods
prereq: ENGL 22000
3 hrs
cr.
```


## ENGL 30500 - Studies in Children's Literature

## GER

3/A
Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 30600 - Literary Theory (W)

GER
3/A
Major theories of literature, with emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31700 - Topics in Non- European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31800 - Topics in Literature of Non-European Americans (W)

```
Pluralism and Diversity
PD/B
GER
3/A
```

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A
Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.
cross-listed WGSA 31900
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32200 - Topics in Gender and Sexuality in Literature

## Pluralism and Diversity

PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 32300 - Topics in Asian American Literature

## Pluralism and Diversity

PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr .

## ENGL 32400 - Topics in Native American Literature

```
Pluralism and Diversity
PD/B
GER
3/A
```

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32500 - Post-Colonial Literature in English (W)

## Pluralism and Diversity

P\&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

3 hrs
3 cr .

## ENGL 32600 - Topics in US Latina/o Literature

```
Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3cr.
```


## ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 32900-Topics in Cross-Cultural Literature in English (W)

## GER

3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.
prereq: ENGL 22000
3 hrs
3 cr

ENGL 33100 - The Structure of Modern English

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English. prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 33300 - Topics in Language and Linguistics

GER
3/A
Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33500 - Chaucer

Pluralism and Diversity
PD/D
GER
3/A
Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33600 - Medieval Literature (1100-1500)

## GER

3/A
A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
$3 c r$.
ENGL 33700 - Literary Aspects of Folklore

## GER

3/A
Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 33800 - Survey of British Literature I: Early Texts To the Eighteenth Century

```
A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
\(3 c r\).
```


## ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 34000-History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, $20^{\text {th }}$-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr.
ENGL 34100 - Rhetorical Principles of Expository Writing

GER
3/A
This course will focus on the relationship between rhetorical principles and academic writing.

3 hrs
$3 c r$.

## ENGL 34200 - Topics in Rhetoric

## GER

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 34700 - Language and Ethnicity

## Pluralism and Diversity

PD/B
GER
3/A
This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the
former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 35000 - Renaissance Drama

Pluralism and Diversity
GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35300-Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35400 - Shakespeare II

```
Pluralism and Diversity
PD/D
GER
3/A
Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3cr.
```

ENGL 35500 - Topics in Shakespeare (W)

## GER

3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

## ENGL 36000 - The 17th Century

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity
PD/D
GER
3/A
A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36300-Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
$3 c r$

## ENGL 36400 - The Age of Satire

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 36500 - The Later 18th Century

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000

3 hrs
3 cr .

## ENGL 36800 - The 18th Century English Novel

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 36900 - The 19th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith. prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37200-Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37300 - Victorian Literature (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include. Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37400-20th and 21st Century British and Irish Poetry

Pluralism and Diversity
PD/D
GER
3/A
Study of various poetries and poetry movements emergent in the $20^{\text {th }}$ and $21^{\text {st }}$ centuries in their cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37500-20th and 21st Century American Poetry

## GER

3/A

Study of various poetries and poetry movements emergent in the $20^{\text {th }}$ and $21^{\text {st }}$ centuries in their cultural, social, and historical contexts
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37600-20th and 21st Century British and Irish Fiction

Pluralism and Diversity
PD/D
GER
3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37700-20th and 21st Century American Fiction

## GER

3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 37800-20th and 21st Century British and Irish Drama

Pluralism and Diversity
PD/D
GER
3/A

Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 37900-20th and 21st Century American Drama

GER
3/A
Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

ENGL 38000 - Irish Literary Renaissance

Pluralism and Diversity
PD/D
GER
3/A

Study of Irish writers of the early 20th century in relation to their cultural, social, and historical contexts. Authors may include Joyce, O'Casey, Synge and Yeats.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38300 - Topics in Renaissance Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38400 - Topics in Restoration and 18th Century Literature

## GER

3/A

Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 38500 - Topics in 19th Century Literature

## GER

3/A

Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38600 - Topics in British and American Literature

```
Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A
```

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38700-Topics in British and/or Irish Fiction

## GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories $C$ or $D$; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

## GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D ; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39000 - Topics in 20th Century Literature (W)

## GER

3/A
Selected works from the 20th century originally written in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .
ENGL 39400 - World Literature: Drama

GER
3/A
Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39500 - Survey of American Literature: Origins to the Civil War (W)

GER
3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."
prereq: ENGL 22000
3 hrs
$3 c r$.

GER
3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr.

## ENGL 39800 - Topics in American Fiction

## Pluralism and Diversity

PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr .

## ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr .
ENGL 48200 - Special Studies Seminar

GER
3/A

1 hr
1 cr .

## ENGL 48300 - Special Studies Seminar

GER
3/A

2 hr
2 cr .

## ENGL 48400 - Special Studies Seminar

## GER

3/A

Topics in British and American literature or linguistics. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
3 hrs
3 cr .

## ENGL 48469 - Advanced Poetry Writing

## GER

3/A

400-level wrtitng course
3 hrs
3 cr.
ENGL 48476 - Narrative Forms: Strategies in Fiction Writing

400-level writing course
3 hrs
3 cr .

ENGL 48483 - Character, Class, Conflict in Contemporary Firction

GER
3/A

400-level writing course
3 hrs
3 cr .

ENGL 48491 - Creative Non-Fiction

GER
3/A

400-level writing course
3 hrs
3 cr .
ENGL 48500 - Individual Tutorial Project

GER
3/A

Research paper or substantial creative work written under direction of a full-time instructor. prereq: perm instr.
1 sem
3 cr .

## ENGL 49000 - Advanced Topics Seminar

Focused study of and research on selected authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated for credit if a different topic is taken.
prereq: ENGL 22000; ENGL 25200; completion of at least 24 credits in the major with a minimum GPA of 2.0
3 hrs.
3 cr .

## ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr .

ENGL 49800 - Internship

## GER

3/A

Opportunities of working in positions of responsibility in professional institutions for academic credit.
prereq: perm coordinator
1-6 hrs
$1-6 \mathrm{cr}$.

## English: Writing Courses

## ENGL 12000 - Expository Writing

```
Hunter Core
English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.
```


## ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods

Additional practice in expository writing; small classes (8-10).
prereq: ENGL 12000
3 hrs
3 cr.

## ENGL 21800 - Advanced Expository Writing

Frequent writing practice, with emphasis on clarity, style and organization.
prereq: ENGL 12000
3 hrs + conf
3 cr .

## ENGL 30000 - Introduction to Creative Writing

## GER

3/A
An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300 -level writing courses, except ENGL 30100.
prereq: ENGL 22000
3 hrs
3 cr .

## ENGL 30100 - Theory and Practice of Expository Writing

## GER

3/A
Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
$3 c r$.

## ENGL 30800 - Workshop in Non-Fiction I

## GER

3/A
Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays. prereq: ENGL 30000
3 hrs
3 cr.

## ENGL 30900 - Workshop in Non-Fiction II

GER
3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
3 cr .

## ENGL 31100 - Workshop in Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.
prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 31300 - Workshop in Fiction II

## GER

3/A
A continuation of ENGL 31100, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31100
3 hrs
3 cr .

## ENGL 31400 - Workshop in Poetry I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.
prereq: ENGL 30000
3 hrs
3 cr .

## ENGL 31600 - Workshop in Poetry II

## GER

3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31400

## GER

## Programs and Courses in Film and Media

## Film and Media Studies

## About the Department

The Hunter College Department of Film and Media Studies offers three degree programs in the production and critical analysis of film and media. We offer two undergraduate degrees-one in Film and one in Media Studies-and a graduate MFA Degree in Integrated Media Arts. Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary media technologies.

Our curriculum is founded on the integration of theory and practice. Leading scholars in history, aesthetics, media policy, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film, video, television and new media; genre studies; the history, production and distribution of print and broadcast news; media representations of race, class and gender; and the intricate relationships among the mass media, popular culture and society.

The department's production courses encourage students to work creatively in a variety of existing and emerging media forms. Courses include narrative film production (including screenwriting and directing), documentary production, television production, journalism and emerging media (including web design, animation, physical computing and game programming). The department is distinguished by award-winning faculty who are active in their respective fields.

In addition to classroom activities, students earn general elective credits through internships in New York City's vibrant media industries. Host institutions include film, television, radio, video and record companies; newspaper, magazine and book publishers; public relations and advertising agencies; museums and other non-profit organizations; and telecommunications and emerging media organizations.

Through its courses and extracurricular activities, the Hunter College Department of Film and Media Studies is injecting new creative voices into the public sphere by educating a diverse community of creative minds.

## Programs and Courses

Programs and Courses in Film and Media

## Administration and Faculty

## Department Office:

433 North
(212) 772-4949

Web site: http://fm.hunter.cuny.edu/
Chair:

## James Roman

433 North
(212) 772-4470
drj5647@optonline.com

Deputy Chair for Film and
Program Head, Film:
Joel Zuker
528 North
(212) 650-3477
jzuker@hunter.cuny.edu
Deputy Chair for Media and
Program Head, Media Studies:
Kelly Anderson
508 North
(212) 772-4008
kellyjmanderson@gmail.com

## Faculty

Film and Media Studies Faculty
HEGIS Codes: 1010 (Film), 0601 (Media)

## Undergraduate Major

## Film - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)

## Pluralism and Diversity

PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr .

## FILMP 16000-Media \& Film in a Digital Age II

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.
cross-listed MEDP 16000
prereq: MEDP 15000
4 hrs
3 cr
-or-

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement In the case of the Film major, the course that meets CCC is:

| Course | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| FILM 10100 | Creative Expression | Foundational |

## BA in Film

Credits required for the major 30-36
Foundational Courses (for students without background in the field)
up to 6
Major in Film
30

Analytic Course Requirements (12)
Production Course Requirements (12)
Electives (6)
Total for students without background in field

## Major in Film (30 cr)

30 credits, combined total: 12 credits analytical, 12 credits production and 6 credits electives from analytical and/or production courses.

Students must receive a grade of B or better in FILM 10100 to declare a major in film. The major must be declared in person with an undergraduate film adviser (call (212) 772-4949 to schedule). The student must bring his or her transcript, and, where relevant, transcripts from other colleges attended, when meeting with the undergraduate film adviser to declare a film major. Students majoring in film must also take FILMP 16000/MEDP 16000 which is prerequisite for all film production courses. FILM 10100 and FILMP 16000/MEDP 16000 do not count towards the major. A maximum of 6 credits in MEDIA courses at the 200 or 300 level may be applied toward the major in film. Students must meet any prerequisites for these courses. Courses at the 100 level, independent study, and internship courses do not count toward the major. Students must see a program adviser to plan choice and sequence of courses.

## I Analytical Course Requirements (12 cr)

## A) Film Style and Close Analysis (6 cr)

## FILM 20100 - Practical Film Analysis

## GER

3/A

Close case study of a selected motion picture.
prereq: FILM 10100
3 hrs
3 cr.
plus 3 credits from one of the following courses:

## FILM 22400-Cinematic Space

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 23100 - Studies of Selected Directors

```
Pluralism and Diversity
GER 3/A
Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for
credit with a different topic.
prereq: FLM 10100, }2010
4 \text { hrs}
crr.
```


## FILM 32300 - Film Technology and Aesthetic Theory

## GER

3/A

Study of the relationship between film technology and film theory. May be repeated for credit with a different topic. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 25100
4 hrs
3 cr .

## FILM 32351-Aesthetics of Film Sound

GER
3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM. prereq: FILM 10100, 20100
4 hrs
$3 c r$.

## FILM 33300 - Styles and Theories of Film Acting

GER
3/A

Study of film acting with regard to theoretical structures and aesthetic practice.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100
4 hrs
3 cr .
B) Film History ( 6 cr ):

## FILM 21100 - Film History I: 1895-1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21200 - Film History II: Since 1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
3 cr .
If students choose to take only FLM 21100 or only FLM 21200, they must also choose from the following:

## FILM 21300 - National Cinema

Pluralism and Diversity
PD/D or A

## GER

3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.
prereq: FILM 10100, 21100 or FILM 21200
3 hrs
3 cr .

## FILM 34400-History of Cinematography

GER
3/A
Survey class addressing key developments in the history and aesthetics of cinematography.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.

## FILM 39700-Topics in Film History

```
Pluralism and Diversity
PD/D
GER
3/A
```

A focused examination of specific issues and moments in film history. May be repeated for credit under a different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
4 hrs
3 cr .

## II Production Course Requirements (12 cr):

## A) Required Production Sequence (9 cr):

## FILMP 25100 - Film Production I

Introduction to the fundamentals of filmmaking, writing, cinematography and editing. Material Fee: \$20
prereq: MEDP/FLMP 16000; open to majors only or perm instr.
4 hrs
3 cr .

## FILMP 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr. 4 hrs
$3 c r$.

## FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: \$20
prereq: FLMP 25100, FILMP 27600 open to film/media majors only or perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.
4 hrs
3 cr .

## B) Advanced Production Cluster (3 cr):

## FILMP 37100 - Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 27600
4 hrs
3 cr.

## III Elective Course Requirements (6 cr):

From analytical and/or production electives: At least one elective must be a 300 level or above course.

## A) Analytical Electives:

## FILM 21400 - Multicultural Perspectives in Cinema

Pluralism and Diversity
PD/B (214.51 only)
GER
3/A
Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21500 - Women and Film

## Pluralism and Diversity

PD/C
GER
3/A
Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.
prereq: FILM 10100
4 hrs
3 cr .
FILM 22200 - Topics in Genre Studies

GER
3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

Pluralism and Diversity
PD/C
GER
3/A
This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
3 cr .

## FILM 23200 - Experimental Film and Video

Pluralism and Diversity
PD/D
GER
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.
prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
$3 c r$.

## FILM 29900 - Special Topics in Film

GER
3/A
Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.
prereq: perm dept.
1-3 hrs
1-3 cr.

## FILM 32200 - Contemporary Film Theory

Pluralism and Diversity
PD/D
GER
3/A

Survey of current film theory and criticism, including developments in film semiotics, psychoanalytic film theory, feminist film theory, narrative theory, historiography and reception theory.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000 - and 40000 -level courses in FILM.
prereq: FILM 10100, 21100 or 21200
4 hrs
3 cr .

## FILM 32400 - Narrative Strategies

## GER

3/A

Study of narrative techniques in cinema
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr .

## FILM 32600-America in American Film and Video

## GER

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr .

## FILM 32700-Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A


#### Abstract

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100 4 hrs 3 cr .


## FILM 32800 - Images of Resistance in the Developing World

## Pluralism and Diversity

PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 33200-Myths and Images in the Media

## GER

3/A
Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
3 hrs
3 cr .

## FILM 33400 - Theatricality and the Presentation of Self

GER
3/A
Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, FILM 21100 or 21200
4 hrs
3 cr .

## FILM 39100 - Problems in Film Research

GER
3/A
Study of basic methods of solving problems in the field of cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
3 hrs
3 cr .

## FILM 39900-Studies in Film

GER
3/A
Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: variable
3 hrs
$3 c r$.

## FILM 40100 - Independent Research

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: perm chair
$1-3 \mathrm{cr}$.

## FILM 40200 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr .

## FILM 49900 - Advanced Seminar

Selected topics in cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: perm instr.
4 hrs
3 cr .

## B) Film Production Electives:

A second course from the advanced production cluster may be taken as an elective course

## FILMP 37100-Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is pre requisite for all 300- and 400-level courses in FILM. prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400-level courses in FILM. prereq: FILMP 27600
4 hrs
3 cr .

## FILMP 31100 - Directing Documentary Video Production

Exploration of the aesthetics of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: MEDP 28100; open to film/media majors only or perm instr.

4 hrs
3 cr .
or

## FILMP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.
cross-listed MEDP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr .

## FILMP 34100 - Producing the Film

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100, FILMP 27600
3 hrs
3 cr .

## FILMP 37200-Screen Directing II

Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 37100 or permission of instructor
4 hrs
3 cr .

## FILMP 38100 - Techniques of Cinematography

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 35200 or permission of instructor
4 hrs
3 cr .

## FILMP 38200-Narrative Editing

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.
prereq: FILMP 25100
4 hrs
3 cr .

FILMP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr.

## FILMP 38400 - Film and Video Production

Production of short films with each student assigned to specific crew positions.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 35200, and permission of instructor.
variable hrs
3 cr .

## FILMP 39900 - Special Topics in Advanced Film Practice

Offered periodically with the specific topic listed in the schedule of classes.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: perm instr.
4 hrs
3 cr.

## FILMP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision.
Material Fee: \$20 May be taken twice for credit.cross-listed MEDP 45100
prereq: FILMP 35200 and perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. 3 hrs
3 cr.

## FILMP 49800 - Internship

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, two other film courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

## Minor in Film

Students who wish to minor in film must complete a total of 15 credits in addition to FILM 10100 which does not count towards the minor and is a prerequisite for all FILM courses.

Required courses

## FILM 21100 - Film History I: 1895-1942

```
Pluralism and Diversity
PD/D
GER
```

Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
3 cr .
-or-

## FILM 21200 - Film History II: Since 1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
3 cr .
and two 200-level courses, and two 300-level courses.

No film production classes (designated FILMP) are available to minors with the exception of

## FILMP 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
$3 c r$.

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 27600
4 hrs
3 cr .

## Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar course with a grade of A. See the department for more information.

## FILM 40200 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.

3 hrs
3 cr .

## MEDIA 40200 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion qualifies student for departmental honors at graduation.
prereq: 3 advanced-level courses; 3.0 GPA and 3.5 major GPA; perm dept.
3 hrs
3 cr .

## Media Studies - BA

## Hunter Core Requirement

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major (36 cr)

Students must receive a grade of B or better in MEDIA 18000 to declare a major in Media Studies. The major must be declared in person with an undergraduate media studies adviser. (see department website for adviser schedules http://fm.hunter.cuny.edu/).

Students will be able to do a
Media Studies BA: General Media Studies Major
but may choose one of the concentrations in the major. These concentrations are
Media Studies BA: Concentration in Media Analysis and Criticism
Media Studies BA: Concentration in Documentary and Television Production
Media Studies BA: Concentration in Journalism
Media Studies BA: Emerging Media
However, these concentrations are optional; as long as they satisfy the General Media Studies Major requirements, students may combine courses from different concentrations.

Students majoring in Media Studies must take the following introductory courses. These courses count toward the major.

MEDIA 18000
FILMP 15000/MEDP 15000
FILMP 16000/MEDP 16000
A maximum of 6 credits in FILM or FILMP courses at the 200- or 300-level may be applied toward the major in media studies. Students must meet any prerequisites for these courses. Courses in Independent Study, Honors Project, and Internship do not count toward the major. Students must consult a program adviser to plan choice and sequence of courses.

## Double Majors

Students may choose to complete a major in the Department of Film and Media Studies and a second major in another department. A student cannot declare a double major in film and media studies. Because of the intensive nature of the production courses in both Film and Media Studies, it is strongly recommended that all students take no more than two production courses per semester.

## Minor in Media Studies

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200 -level course and at least one 300 -level course are required. The other three courses can be at any level. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor. Courses may be taken as either MEDIA or MEDP.

## Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project FILM 40200 or MEDIA 40200, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar course with a grade of A. See the department for more information.

## Media Studies BA: Concentration in Documentary and Television Production

## Return to Media Studies - BA

This concentration is intended to give students foundational knowledge in the theory and practice of linear non-fiction video and related digital media skills. Students in this concentration will also specialize in one of three advanced areas: Documentary Production, Experimental Media Production or Studio Television Production.

## Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MEDIA 18000 | Individual \& Society | Major |

Major- 36 credits

## MEDIA 18000 - Introduction to Media Studies

```
Hunter Core
Individual \& Society (Social Sciences) - I\&S SS
GER
2/C
```

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## B. Required Production Courses (9 cr.)

## MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
3 cr .

## MEDP 29000 - Developing the Documentary (W)

This workshop guides students through the research, writing and production planning essential for creating a video or film documentary.
prereq: MEDIA 18000 and MEDP 16000
3 hrs
3 cr .

## MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Material Fee: \$20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
4 hrs
3 cr .
-or-

## MEDP 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.
prereq: FILM 25100 or MEDP 28100 or perm. instr.
3 hrs
$3 c r$.

## C. Elective Production Courses ( 9 cr .)

These may be any regular 200- or 300-level MEDP courses. Any regular 200- or 300-level FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

## D. Required Analytical Course (3 cr.)

## MEDIA 31500 - Nonfiction Film and Video

GER
3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
3 cr.

## E. Elective Analytical Courses (6 cr.)

Two regular analytical courses may be chosen from any analytical offering, however it is strongly recommended that students consider analytical courses in relation to their area of production.

## F. Total (36 cr.)

## Media Studies BA: Concentration in Journalism

The journalism concentration offers a liberal arts approach to the study of news. Students will learn to gather information through observation, interviews, and research, to evaluate it and to communicate it through clear and compelling writing enhanced by photography, video, audio, and interactive features. In addition to a toolkit for newsgathering and presentation, they will gain a critical perspective through courses that offer a critical analysis of media.

## Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MEDIA 18000 | Individual \& Society | Major |

## Major-36 credits

## A. Introductory Courses (9 cr.)

## MEDIA 18000 - Introduction to Media Studies

Hunter Core<br>Individual \& Society (Social Sciences) - I\&S SS<br>GER<br>2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## B. Required Production Courses ( 6 cr .)

## MEDP 20100 - Reporting and Writing I (W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDIA 18000
3 hrs
3 cr.

## MEDP 20200 - Reporting and Writing 2(W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr.

## C. Elective Production Courses (12 cr.)

Choose among:

## MEDP 23900 - Entertainment Journalism (W)

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.
prereq: MEDP 20100
3 hrs
$3 c r$.

## MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000

3 hrs
3 cr .

## MEDP 28300 - Electronic News Gathering

This workshop guides students through the research, writing, digital video production and digital editing of community television news stories.
prereq: MEDP 28100
3 hrs
3 cr .

## MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.
prereq: MEDP/FILMP 15000
3 hrs
3 cr .

## MEDP 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 29500 - Online Journalism (W)

Evaluating and employing the Internet as a source of information for journalists, as a subject of journalistic coverage and as a new form of newspaper publication.
prereq: MEDP 20100
3 hrs
3 cr .
MEDP 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.
prereq: MEDP 20100
3 hrs
3 cr

## MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.

Material Fee: \$20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
4 hrs
3 cr.

## MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
prereq: MEDP 33100 or perm instr.
3 hrs
3 cr .

## MEDP 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
prereq: MEDP 20100
3 hrs
3 cr.

## MEDP 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce a community newspaper and on-line news outlet serving underserved neighborhoods. This class may be repeated once for credit.
prereq: MEDP 20100 or permission of instructor
3 hrs
3 cr .

## MEDP 39900 - Special Topics in Advanced Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr .

## E. Elective Analytical Courses (9 cr.)

Analytical courses may be chosen from any analytical offering; however, it is strongly recommended that students consider analytical courses in relation to their area of production.

# Media Studies BA: Concentration in Media Analysis and Criticism 

Return to Media Studies - BA
The media analysis concentration develops critical thinking in students and offers students in-depth understanding of the field of media studies. It includes the study of Media Representations; Media Technologies, Industries, and Policies; and News, Politics, and Propaganda.

## Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MEDIA 18000 | Individual \& Society | Major |

## Major- 36 credits

## A. Introductory Courses (9 cr.)

## MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## B. Required Analytical Courses (21 CR):

Analytical courses in 3 categories, as outlined below.
Some courses are listed in more than 1 place, but each course fulfills a requirement in just 1 category. (Students may not double count a course.)

## 1. Media Representations (9 credits from the following)

## MEDIA 27100 - Television Culture

## GER

3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 29853 - The Horror Film

## GER

3/A
A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.
prereq: MEDIA 18000 or FILM 10100
3 hrs
3 cr .

## MEDIA 31500 - Nonfiction Film and Video

## GER

3/A
Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
3 cr .

## MEDIA 32600 - America in American Film and Video

## GER

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.
prereq: MEDIA 18000
3 hrs
3 cr .

MEDIA 32700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.
prereq: MEDIA 18000
4 hrs
3 cr .

## MEDIA 33200-Myths and Images in the Media

## GER

3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society. prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 33300 - Typecasting

## GER

3/A

A history of the relationship between stereotyping as a social, cultural and psychological language and the rise of modern society.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 180 and either MEDIA 327 or MEDIA 384 or perm instr.
3 hrs
3 cr .

MEDIA 37400 - Media, Sports, and Society

GER
3/A

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38400 - Women and Media

Pluralism and Diversity
PD/C
GER
3/A
Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGSA 38400 (W)
prereq: MEDIA 18000
3 hrs
$3 c r$.

## MEDIA 39700 - Cult TV and its Audiences

GER
3/A
This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.
prereq: MEDIA 27100
3 hrs
3 cr.
2. Media Technologies, Industries, and Policies (6 credits from the following)

MEDIA 26000 - Internet and Society

## GER

3/A

The Impact of the Internet on American and global society.
prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr .
MEDIA 36500 - Digital Copyright

## GER <br> 3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-topeer trading, digital rights management, and third party liability for information service providers.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 37400 - Media, Sports, and Society

GER
3/A

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38000-History of Broadcasting

GER
3/A

Broadcasting's roots in industrialization and influence on modern society.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38300 - Popular Music and the Music Industry

GER
3/A
Exploration of social and cultural significance of popular music; history, structure, and economics of music industry.
Particular emphasis on popular music from fifties to present.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 39200 - Communications, Technology and Change

GER
3/A
Examination of media technologies, their development and their impact on quality and organization of human life.
prereq: MEDIA 18000

3 hrs
3 cr .

## MEDIA 39400 - Mass Communications and the Law

GER<br>3/A<br>Relationship of mass media to significant constitutional problems.<br>prereq: MEDIA 18000<br>3 hrs<br>3 cr .

## MEDIA 39600 - Global Communication

GER
3/A
Structures, policies and impact of global communications. Areas covered include global news, film, TV and music industries; telecommunications and the Internet.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
$3 c r$.

## 3. News, Politics, and Propaganda (6 credits from the following)

## MEDIA 21000 - Journalism and Society

## GER

3/A

This course focuses on industry issues and service to the public good. It is partly designed for students interested in careers in journalism, who can benefit from greater sophistication about the news industry. The course explores the way news is gathered and written, the way news organizations are structured and financed, and the way they relate to other forms of political and entertainment communication. It examines the ways that the news industry describes itself and its problems and surveys journalistic practice in different media, e.g. print, the Internet, etc. Many of the readings will be drawn from the news industry trade press as well as from cultural studies and media sociology. Students will be asked to address journalism as citizens, weighing the role of journalism in our democracy.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 31300 - The Culture of Publicity

## GER

3/A
An in-depth historical understanding of public relations, social image-management, and opinion engineering in the U.S. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000

3 hrs
3 cr .

## MEDIA 37300-Journalism as Literature

## GER

3/A
An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 37500-Media and Politics

GER
3/A

The impact of the electronic media on American politics.
prereq: MEDIA 18000
3 hrs
$3 c r$.
MEDIA 38000 - History of Broadcasting

GER
3/A
Broadcasting's roots in industrialization and influence on modern society.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38100 - Propaganda and the Mass Media

GER
3/A
Study of mass media (broadcast, film, print) as forms for propaganda.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 39000 - Broadcast Journalism

GER
3/A

Structure and operations of radio and television news in relation to social, political and economic institutions.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39100 - History of Print Journalism

## GER

3/A
Development of newspapers and magazines as social force.
prereq: MEDIA 18000
3 hrs
3 cr .

## C. Elective Analytical or Production Courses at the 200-level or higher (6 cr.)

## Media Studies BA: Emerging Media

Return to Media Studies - BA
The Emerging Media concentration gives students foundational knowledge in the theory and practice of digital media as a creative and investigative form of production. Students in this concentration may elect to specialize in various areas of production including Web Production, Interactive Media Production and 3D Imaging Production or may elect a broad curriculum of study from the Emerging Media courses. The curriculum interweaves technical instruction with aesthetic, communicative and cultural production and research to help a student establish a cohesive portfolio in new media.

## Hunter Core Requirement

Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Emerging Media Concentration, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MEDIA 18000 | Individual \& Society | Major |

Major- 36 credits
A. Introductory Courses (9 cr.)

MEDIA 18000 - Introduction to Media Studies

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Hunter Core
Individual & Society (Social Sciences) - I&S SS
GER
2/C
```

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## B. Required Production Courses

-select 4 from the list below for 12 credits:

## MEDP 25000 - Digital Design and Usability

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.
prereq: MEDP/FILMP 15000
3 hrs .
3 cr .

## MEDP 26000 - Introduction to 2D Animation

This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.
prereq: MEDIA 18000. MEDP 15000, MEDP 16000
4 hrs.
3 cr .

## MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
3 cr .

## MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.
prereq: MEDP/FILMP 15000
3 hrs
3 cr .

## MEDP 33100 - Web Production II

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.
prereq: MEDP 28500
3 hrs
3 cr .

## MEDP 34100 - Web Programming

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive web sites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.
prereq: MEDP 28500
3 hrs
3 cr .

## MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
prereq: MEDP 33100 or perm instr.
3 hrs
3 cr .

## MEDP 34900 - Introduction to Physical Computing

This hands-on class is an introduction to electronics, circuit building and the programming of microcontrollers for the production of interactive creative works that may include installation and art objects.
prereq: MEDP 150, MEDP 160

## MEDP 35500 - Physical Computing: Interactive Installation

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A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: \$20
prereq: MEDIA 18000, MEDP 15000 and 16000, MEDP 28500
3 hrs
3 cr .
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## MEDP 36000-3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based art.
prereq: MEDP 25000, MEDP 26000
3 hrs.
3 cr .

## MEDP 36500-3D Virtual Environments

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.

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prereq: MEDP 36000
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3 hrs.
3 cr .

## MEDP 39909 - Game Design and Programming

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of gamedevelopment tools and approaches, while exploring a variety of theoretical, social, and other aspects of modern game culture.
prereq: MEDP 25000
prereq or coreq: MEDIA 36300
3 hrs
3 cr .

## MEDP 39950 - Motion Graphics

This course examines the design and use of computer animation and effects for digital video. The course emphasizes the use of motion graphics to animate and render typography, effects and the compositing of distinct visual assets as well as its function within a greater narrative.

## C. Elective Production Courses (6 cr.)

These may be any regular 200- or 300-level MEDP courses including those from the list of required courses (see B. above.) Any regular 200- or 300-level FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

## D. Elective Analytical Courses (9 cr.)

Three analytical courses may be chosen from any analytical offering; however it is strongly recommended that students consider analytical courses in relation to their area of production.

## E. Total (36 cr.)

## Media Studies BA: General Media Studies Major

Return to Media Studies - BA

## Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCC are:

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| MEDIA 18000 | Individual \& Society | Major |

Major - 36 credits

## A. Required Introductory Courses (9 cr.)

## MEDIA 18000 - Introduction to Media Studies

## Hunter Core

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr .

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## B. Required Analytical Courses (9 cr.)

Students must take at least 9 credits of analytical courses. Any 200- and 300-level MEDIA courses may be used to meet this requirement. Any 200- or 300-level FILM course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major. MEDP and FILMP courses do not count toward the analytical requirement.

## C. Elective Analytical or Production Courses (18 cr.)

Students must take an additional 18 credits of analytical and/or production courses. These may be any 200- or 300level MEDIA or MEDP courses. Any 200- or 300-level FILM or FILMP course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP classes toward the major.

## Undergraduate Minor

## Minor in Film

Students who wish to minor in Film must complete a total of 15 credits in addition to Film 101, which is a prerequisite for all Film courses.

1. Prior to declaring a Film Minor, students must take FILM 10100.
2. Film Minors must then enroll in either FILM 21100 - Film History I: 1895-1942 ; 3 cr.) or FILM 21200 Film History II: Since $1942 ; 3$ cr. FILM 10100 is the prerequisite for both courses.
3. Once Film Minors complete this film history requirement, they must take two classes from the 200 -level ( 6 crs. total) and two classes from the 300 -level ( 6 crs. total). No film production classes (designated FILMP) are available to Film Minors, with the exception of Screenwriting I (FILMP 27600 - Screen Writing I - The Short (W)) and FILMP 37700 - Screen Writing II The Feature (W)). Film Minors must satisfy all other course prerequisites.

## Minor in Media Studies

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200-level course and at least one 300 -level course are required. The other three courses can be at any level. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

## Film and Media: Film—Basic Courses

## FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr .

## FILMP 15000 - Media \& Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.
cross-listed MEDP 15000
prereq: MEDIA 18000 or FILM 10100
3 cr
4 hrs

## FILMP 16000-Media \& Film in a Digital Age II

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.
cross-listed MEDP 16000
prereq: MEDP 15000
4 hrs
3 cr
Film and Media: Film—Intermediate Courses

## FILM 20100 - Practical Film Analysis

## GER

3/A

Close case study of a selected motion picture.
prereq: FILM 10100
3 hrs
3 cr .

## FILM 21100 - Film History I: 1895-1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1942.
prereq: FILM 10100
4 hrs
3 cr .

FILM 21200 - Film History II: Since 1942

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1942 to the present.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21300 - National Cinema

Pluralism and Diversity
PD/D or A
GER
3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr.

FILM 21305 - National Cinema: Italian Cinema

Pluralism and Diversity PD/D

GER
3/A
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21344 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. cross-listed HEBR 22000
prereq: FILM 10100

## FILM 21351 - National Cinema: French New Wave

Pluralism and Diversity
PD/D
GER
3/A
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21355 - National Cinema: Asian Cinema

Pluralism and Diversity
PD/A
GER
3/A
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21400 - Multicultural Perspectives in Cinema

Pluralism and Diversity
PD/B (214.51 only)
GER
3/A
Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated
for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 21500 - Women and Film

Pluralism and Diversity
PD/C
GER
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.
prereq: FILM 10100
4 hrs
3 cr.

## FILM 22200 - Topics in Genre Studies

GER
3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

Pluralism and Diversity
PD/C
GER
3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
3 cr .

## FILM 22400 - Cinematic Space

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.
prereq: FILM 10100, 20100

4 hrs
3 cr .

## FILM 23000 - Movies in American Culture

## GER

3/A
Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.
prereq: FILM 10100, 21100 or FILM 21200
3 hrs
3 cr .

## FILM 23100 - Studies of Selected Directors

```
Pluralism and Diversity
GER 3/A
Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for credit with a different topic.
prereq: FLM 10100, 20100
4 hrs
\(3 c r\).
```


## FILM 23200 - Experimental Film and Video

## Pluralism and Diversity

PD/D
GER
3/A
Historical examination of pertinent films and videos with particular emphasis on current American productions. prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
$3 c r$.

## FILMP 25100 - Film Production I

Introduction to the fundamentals of filmmaking, writing, cinematography and editing. Material Fee: \$20
prereq: MEDP/FLMP 16000; open to majors only or perm instr.
4 hrs
3 cr .

## FILMP 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.
cross-listed MEDP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr .

Media 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

3 hrs
3 cr .

## Film and Media: Film—Upper-Level Courses

## FILM 31500 - Nonfiction Film and Video

## GER

3/A

Study of the history and theory of the nonfiction film and video, with screenings of examples of documentary, propaganda, and direct cinema and video.
Except as otherwise noted, ENGL 12000 is pre-requisite for all 30000- and 40000-level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 32200 - Contemporary Film Theory

Pluralism and Diversity
PD/D
GER
3/A

Survey of current film theory and criticism, including developments in film semiotics, psychoanalytic film theory, feminist film theory, narrative theory, historiography and reception theory.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.
prereq: FILM 10100, 21100 or 21200
4 hrs
3 cr .

## FILM 32300 - Film Technology and Aesthetic Theory

## GER

3/A

Study of the relationship between film technology and film theory. May be repeated for credit with a different topic. Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, 20100, 25100
4 hrs
3 cr .

## FILM 32351 - Aesthetics of Film Sound

## GER

3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 32400-Narrative Strategies

## GER

3/A

Study of narrative techniques in cinema
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400-level courses in FILM.
prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr .

## FILM 32600 - America in American Film and Video

GER
3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400-level courses in FILM.
prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr .
FILM 32700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

```
A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr .
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## FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A
Focuses on challenges by developing world films and filmmakers to Western media stereotypes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr .

## FILM 33200 - Myths and Images in the Media

GER
3/A
Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100
3 hrs
3 cr .

## FILM 33300-Styles and Theories of Film Acting

GER
3/A
Study of film acting with regard to theoretical structures and aesthetic practice.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100
4 hrs
3 cr .

## FILM 33400 - Theatricality and the Presentation of Self

## GER

3/A
Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.

4 hrs
$3 c r$.

## FILM 34400-History of Cinematography

## GER

3/A
Survey class addressing key developments in the history and aesthetics of cinematography.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
4 hrs
3 cr .

## FILM 39100 - Problems in Film Research

## GER

3/A
Study of basic methods of solving problems in the field of cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
3 hrs
3 cr .

## FILM 39700-Topics in Film History

Pluralism and Diversity
PD/D
GER
3/A
A focused examination of specific issues and moments in film history. May be repeated for credit under a different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
4 hrs
3 cr .

## FILMP 31100 - Directing Documentary Video Production

Exploration of the aesthetics of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: MEDP 28100; open to film/media majors only or perm instr.
4 hrs
3 cr .
FILMP 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr .

## FILMP 34100 - Producing the Film

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: FILMP 25100, FILMP 27600
3 hrs
3 cr .

## FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: \$20
prereq: FLMP 25100, FILMP 27600 open to film/media majors only or perm instr. prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.
4 hrs
3 cr .

## FILMP 37100 - Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr .

## FILMP 37200 - Screen Directing II

Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 37100 or permission of instructor
4 hrs
$3 c r$.

## FILMP 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 27600
4 hrs
3 cr .
FILMP 38100-Techniques of Cinematography

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 35200 or permission of instructor
4 hrs
3 cr.

## FILMP 38200 - Narrative Editing

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.
prereq: FILMP 25100
4 hrs
3 cr .

## FILMP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr .

## FILMP 38400 - Film and Video Production

Production of short films with each student assigned to specific crew positions. Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILMP 35200, and permission of instructor.
variable hrs
3 cr.

## MEDIA 36300 - Concepts in Gaming

This analytical seminar examines gaming through the study of the history of games, the role of narrative and language in games, game structures, interaction paradigms, rule-creation, and theories of play. It familiarizes students with important approaches to games and play developed by both the art world and popular culture during the $19^{\text {th }}$ and $20^{\text {th }}$, centuries. Students will be encouraged to play with these approaches in their written assignments. Each week we read, discuss, and study games to explore possibilities of gaming elements within media arts, artistic practice, and performance. A game is itself a language, and it is this language we seek to understand. This course explores all kinds of games, from artists' games to common children's games. Students examine historical and contemporary artist's projects, including dance, installation, computer games, and performance, as well as look at the game as a tool for abstraction, storytelling, and activism.

## Film and Media: Film—Special Topics, Honors, and Advanced Studies

## FILM 29900-Special Topics in Film

GER
3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.
prereq: perm dept.
1-3 hrs
1-3 cr.

## FILM 39900 - Studies in Film

## GER

3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM.
prereq: variable
3 hrs
3 cr.

## FILM 40100 - Independent Research

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: perm chair
1-3 cr.

## FILM 40200 - Honors Project

$\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr .

## FILM 49800 - Internship

Opportunity to gain professional experience.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300 - and 400 -level courses in FILM. prereq: FILM 10100, two other FILM courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

## FILM 49900 - Advanced Seminar

Selected topics in cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. prereq: perm instr.
4 hrs
3 cr .
FILMP 39900 - Special Topics in Advanced Film Practice

Offered periodically with the specific topic listed in the schedule of classes.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300 - and 400 -level courses in FILM.
prereq: perm instr.
4 hrs
3 cr.

## FILMP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision.
Material Fee: $\$ 20$ May be taken twice for credit.cross-listed MEDP 45100
prereq: FILMP 35200 and perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
3 hrs
3 cr .

## FILMP 49800 - Internship

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is pre requisite for all $300-$ and 400 -level courses in FILM. prereq: FILM 10100, two other film courses or equiv; perm dept and host institution 1-6 cr, 40 working hrs per cr.

## MEDP 29900 - Special Topics in Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 180, others variable
3 hrs
3 cr .

## Film and Media: Media-Basic Courses

## MEDIA 18000 - Introduction to Media Studies

## Hunter Core

Individual \& Society (Social Sciences) - I\&S SS
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr .

## Film and Media: Media—Analytical Courses

## MEDIA 21000 - Journalism and Society

GER
3/A
This course focuses on industry issues and service to the public good. It is partly designed for students interested in
careers in journalism, who can benefit from greater sophistication about the news industry. The course explores the way news is gathered and written, the way news organizations are structured and financed, and the way they relate to other forms of political and entertainment communication. It examines the ways that the news industry describes itself and its problems and surveys journalistic practice in different media, e.g. print, the Internet, etc. Many of the readings will be drawn from the news industry trade press as well as from cultural studies and media sociology. Students will be asked to address journalism as citizens, weighing the role of journalism in our democracy.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 21100 - News Literacy in a Digital Age (W)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of print, TV, radio, web and social media stories. We will also study the First Amendment, the underpinnings of an independent press and the consequences of censorship.
prereq: ENGL 12000, MEDIA 18000
3 hrs
3 cr .

## MEDIA 26000 - Internet and Society

GER
3/A

The Impact of the Internet on American and global society.
prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr .

## MEDIA 27100 - Television Culture

## GER

3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.
prereq: MEDIA 18000
3 hrs
3 cr.

## MEDIA 28000 - Understanding New Media

## GER

3/A
The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.
prereq: MEDIA 18000
3 hrs
3 cr.

## MEDIA 29800 - Special Topics in Media Studies

## GER

3/A
A course on film and media studies taught periodically, with topic listed in Schedule of Classes.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000 or FILM 10100
4 hrs
3 cr .

## MEDIA 29853 - The Horror Film

## GER

3/A
A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.
prereq: MEDIA 18000 or FILM 10100
3 hrs
3 cr .

## MEDIA 29900 - Special Topics in Media Studies

## GER

3/A

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr .
MEDIA 31300 - The Culture of Publicity

## GER

3/A
An in-depth historical understanding of public relations, social image-management, and opinion engineering in the U.S. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
$3 c r$.
MEDIA 31400 - Public Relations: Theory and Practice (W)

GER
3/A
An examination of principal techniques and strategies in public relations, including critical analysis of its social uses.

MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000 \& MEDP 20100
3 hrs
3 cr .

## MEDIA 31500 - Nonfiction Film and Video

## GER <br> 3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
3 cr .

## MEDIA 32600 - America in American Film and Video

## GER

3/A
Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 32700 - Representations of Race and Ethnicity in U.S. Media

```
Pluralism and Diversity
PD/B
GER
3/A
```

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture. prereq: MEDIA 18000
4 hrs
3 cr .

## MEDIA 32800 - Images of Resistance in the Developing World

```
Pluralism and Diversity
PD/A
GER
3/A
Challenges by developing-world films and filmmakers to Western media stereotypes.
prereq: MEDIA 18000
4 \mathrm { hrs }
3cr.
```


## MEDIA 33200 - Myths and Images in the Media

## GER

3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society. prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 33300 - Typecasting

## GER

3/A
A history of the relationship between stereotyping as a social, cultural and psychological language and the rise of modern society.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 180 and either MEDIA 327 or MEDIA 384 or perm instr.
3 hrs
3 cr .

## MEDIA 36500 - Digital Copyright

## GER

3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-topeer trading, digital rights management, and third party liability for information service providers.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 37000 - The Press and the Public

## GER

3/A
Analysis and discussion of relationship of the press to great issues of our time.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 37300 - Journalism as Literature

GER
3/A

An examination of the relationships between journalism and literature, including literary journalism, the journalistic
prose of major imaginative writers, and the stylistic characteristics of hard news reporting.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 37400 - Media, Sports, and Society

## GER

3/A
Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.
prereq: MEDIA 18000
3 hrs
$3 c r$.
MEDIA 37500 - Media and Politics

GER
3/A
The impact of the electronic media on American politics.
prereq: MEDIA 18000
3 hrs
3 cr .
MEDIA 38000 - History of Broadcasting

## GER

3/A

Broadcasting's roots in industrialization and influence on modern society.
prereq: MEDIA 18000
3 hrs
3 cr.
MEDIA 38100 - Propaganda and the Mass Media

## GER

3/A
Study of mass media (broadcast, film, print) as forms for propaganda.
prereq: MEDIA 18000
3 hrs
$3 c r$.
MEDIA 38300 - Popular Music and the Music Industry

GER
3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry.
Particular emphasis on popular music from fifties to present.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38400 - Women and Media

## Pluralism and Diversity

PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGSA 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 38600 - Media Ethics

## GER

3/A
An exploration of the moral issues surrounding media work, including truth-telling, social justice, cultural effects and conflicting rights.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39000 - Broadcast Journalism

GER
3/A

Structure and operations of radio and television news in relation to social, political and economic institutions.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39100 - History of Print Journalism

GER
3/A
Development of newspapers and magazines as social force.
prereq: MEDIA 18000

```
3 hrs
3cr.
MEDIA 39200 - Communications, Technology and Change
GER
3/A
Examination of media technologies, their development and their impact on quality and organization of human life.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 39300 - Media Criticism
GER
3/A
Analyzes advanced approaches to media communication with focus on form and content of particular themes as they
are treated by variety of media genres.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 39400 - Mass Communications and the Law
GER
3/A
Relationship of mass media to significant constitutional problems.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 39500 - Mass Media in Developing Countries
Pluralism and Diversity
PD/A
GER
3/A
Exploration of impact of transnational corporations on developing countries and issues of cultural domination.
prereq: MEDIA 18000
3 hrs
3cr.
MEDIA 39600 - Global Communication
GER
3/A
```

Structures, policies and impact of global communications. Areas covered include global news, film, TV and music industries; telecommunications and the Internet.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDIA 39700 - Cult TV and its Audiences

## GER

3/A

This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.
prereq: MEDIA 27100
3 hrs
3 cr .

## MEDIA 39800 - Complex Television Narratives (W)

This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.
prereq: MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor
3 hrs
3 cr .

## MEDIA 39900 - Special Issues in Media Studies

## GER

3/A

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr .

## MEDIA 49900 - Advanced Seminar

Readings, discussion, and papers on significant problems in fields of media studies.
prereq: perm instr.
3 hrs
3 cr .

## Film and Media: Media—Practice and Production Courses (MEDP)

## MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.
cross-listed FILMP 15000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr .

## MEDP 20100 - Reporting and Writing I (W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDIA 18000
3 hrs
3 cr .

## MEDP 20200 - Reporting and Writing 2(W)

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 23900 - Entertainment Journalism (W)

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 25000 - Digital Design and Usability

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.
prereq: MEDP/FILMP 15000
3 hrs.
3 cr.

## MEDP 26000 - Introduction to 2D Animation

This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.
prereq: MEDIA 18000. MEDP 15000, MEDP 16000
4 hrs.
3 cr .

## MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: \$20
prereq: MEDP/FILMP 16000
3 hrs
$3 c r$.

## MEDP 28200 - Studio Television Production

Elements of multi-camera studio production.
prereq: MEDP/FILMP 15000
coreq: MEDP/FILMP 16000 (or MEDIA/FILM 15100)
3 hrs
3 cr .

## MEDP 28300 - Electronic News Gathering

This workshop guides students through the research, writing, digital video production and digital editing of community television news stories.
prereq: MEDP 28100
3 hrs
$3 c r$.

## MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

3 hrs
3 cr .

## MEDP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.
cross-listed FILMP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr .

## MEDP 29000 - Developing the Documentary (W)

This workshop guides students through the research, writing and production planning essential for creating a video or film documentary.
prereq: MEDIA 18000 and MEDP 16000
3 hrs
3 cr .

## MEDP 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.
prereq: MEDP 20100
3 hrs
3 cr.

## MEDP 29500 - Online Journalism (W)

Evaluating and employing the Internet as a source of information for journalists, as a subject of journalistic coverage and as a new form of newspaper publication.
prereq: MEDP 20100
3 hrs
3 cr .
MEDP 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.
prereq: MEDP 20100
3 hrs
3 cr

## MEDP 31000 - Advanced TV Studio Production

An advanced multi-camera television studio workshop and a continuation of Studio Television Production. prereq: MEDP 28100, 28200
3 hrs
3 cr .

## MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Material Fee: \$20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
4 hrs
3 cr .

## MEDP 31200 - Advanced Documentary Digital Editing

The aesthetic and technical considerations in editing the documentary video using digital equipment.

Material Fee: \$20
prereq: MEDP 31100 or perm instr.
4 hrs
3 cr.

## MEDP 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.
prereq: FILM 25100 or MEDP 28100 or perm. instr.
3 hrs
3 cr .

## MEDP 33100 - Web Production II

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.
prereq: MEDP 28500
3 hrs
3 cr .

## MEDP 34100 - Web Programming

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive web sites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.
prereq: MEDP 28500

3 hrs
3 cr .

## MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
prereq: MEDP 33100 or perm instr.
3 hrs
3 cr .

## MEDP 34900 - Introduction to Physical Computing

This hands-on class is an introduction to electronics, circuit building and the programming of microcontrollers for the production of interactive creative works that may include installation and art objects.
prereq: MEDP 150, MEDP 160

## MEDP 35500 - Physical Computing: Interactive Installation

A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: \$20
prereq: MEDIA 18000, MEDP 15000 and 16000, MEDP 28500
3 hrs
3 cr .

## MEDP 36000-3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based art.
prereq: MEDP 25000, MEDP 26000
3 hrs .
3 cr .

## MEDP 36500-3D Virtual Environments

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.
prereq: MEDP 36000
3 hrs .
3 cr .

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
prereq: MEDP 20100
3 hrs
3 cr .

## MEDP 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce a community newspaper and on-line news outlet serving underserved neighborhoods. This class may be repeated once for credit.
prereq: MEDP 20100 or permission of instructor
3 hrs
3 cr .

## MEDP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
prereq: FILMP 25100 or MEDP 28100 or perm. instr.
3 hours
3 credits

## MEDP 39909-Game Design and Programming

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of gamedevelopment tools and approaches, while exploring a variety of theoretical, social, and other aspects of modern game culture.
prereq: MEDP 25000
prereq or coreq: MEDIA 36300
3 hrs
3 cr .

## MEDP 39950 - Motion Graphics

This course examines the design and use of computer animation and effects for digital video. The course emphasizes the use of motion graphics to animate and render typography, effects and the compositing of distinct visual assets as well as its function within a greater narrative.
prereq: MEDP/FILMP 15000 and MEDP/FILMP 16000 and MEDP 25000
3 hrs
3 cr .

## MEDP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision.
May be taken twice for credit. Material fee $\$ 20$ cross-listed FILMP 45100

## Film and Media: Media-Special Topics, Honors and Advanced Studies

## MEDIA 40100 - Independent Research

Directed research or creative endeavor.
Material Fee: \$20
prereq: 2 advanced level courses, perm dept.
1-6 hrs
1 cr . per hr.

## MEDIA 40200 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion qualifies student for departmental honors at graduation. prereq: 3 advanced-level courses; 3.0 GPA and 3.5 major GPA; perm dept.
3 hrs
3 cr .

## MEDIA 49800 - Internship

Opportunity to gain professional experience. prereq: MEDIA 18000 and 2 other MEDIA or MEDP courses or equiv; perm dept and host institution 1-6 cr, 40 working hrs per cr.

## MEDP 39900 - Special Topics in Advanced Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr .

## Programs and Courses in Geography

## Geography


#### Abstract

About the Department

The department offers concentrations in urban and social geography; physical and environmental geography; geographic information science; sustainability studies; earth systems science; environmental policy; and social studies and environmental education. Courses in all of these fields are valuable parts of a general liberal education, developing an awareness of earth phenomena and the role these play in people's lives. Through integration of content knowledge, applied skills, and internships, our graduates are prepared for both graduate study and immediate employment in the public, private, and non-profit sectors.


Undergraduates can major in geography, environmental studies, or select options within the geography major that prepare them for temporary certification in New York State to teach social studies at grades K-12; and they may minor in geography, environmental studies or geology. The interdisciplinary major in environmental studies allows students to focus on environmental policy and management or earth systems science. Students may also complete a five-year combined BA/MA program in Environmental Studies and Adolescent Education-Earth Science. This accelerated program is designed for highly qualified environmental studies majors who, by their sophomore year, decide to pursue a career in teaching earth science. In addition to comprehensive programs in residence, the department offers field courses in geography and environmental science in Hawaii, Argentina and the Catskill Mountains.

Revisions in the curricula within the Department of Geography that are currently under way may involve modifications in various requirements. Please consult with the department office for up-to-date information and requirements.

## Programs and Courses

Programs and Courses in Geography

## Administration and Faculty

## Department Office:

1006 North
(212) 772-5265
fax (212) 772-5268
Web site: http://www.geography.hunter.cuny.edu/

## Chair:

Allan Frei, Chair<br>1005 North<br>(212) 772-5322<br>afrei@hunter.cuny.edu

Undergraduate Geography Adviser:
Thomas B. Walter
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## Environmental Studies Adviser:

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## Faculty

## Undergraduate Major

## Environmental Earth Science Concentration

Return to: Return to Programs and Courses in Geography

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.
-or-

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## GER

2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

> * these courses are prerequisites to PGEOG 25000 . Either of these courses, or GEOG 22600 is acceptable. Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major- 40 credits

## Required courses - 22 credits (including Capstone)

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
$3 c r$.

## PGEOG 25000 - Earth System Science I

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## Required Capstone Course - 3 credits

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.
-or-

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
$1-4$ cr.

## Electives - 18 credits

A minimum of 18 credits from the list below. 12 credits must be taken at the 300 -level or higher.
Note: It is strongly recommended that students take STAT 11300-Elementary Probability and Statistics.

## GEOL 20500 - Environmental Geology

GER
3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr .
Fall

## GEOL 38000 - Advanced Oceanography: Physics of the Oceans

## GER

3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean.
Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.
prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr .

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr .
Offered fall and spring

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 36100-GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr .

## PGEOG 31300 - Biogeography

## GER

3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.
prereq: PGEOG 13000, GEOG 10100 or BIOL 10000/10200
3 hrs
3 cr .

## PGEOG 33200 - Introduction to Hydrology

## GER

3/B

Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and strategies of integrated water resources.
prereq: GEOL 10100, PGEO 13000 or perm instr.
3 hrs
3 cr .

## PGEOG 33500 - Urban and Metropolitan Coasts

## GER

3/B
A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.
prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
$3 c r$.

## PGEOG 36100 - Global Climatic Change

## GER

3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .

## PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
$3 c r$.

## PGEOG 38300 - Special Topics in Environmental Studies

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm
instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## Total credits 40

## Environmental Management and Policy Concentration

Return to Programs and Courses in Geography

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences

GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs .
3 cr.
-or-

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

* these courses are prerequisites to PGEOG 25000. Either of these courses, or GEOG 22600 is acceptable. Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement


## Major

## Required courses - 22 credits (including Capstone)

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.

5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr.

## PGEOG 25000 - Earth System Science I

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the
atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## Required Capstone Course - 3 credits

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.
-or-

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr

## Electives - 18 credits

A minimum of 18 credits from the list of courses below. 12 credits must be taken at the 300 -level or higher. Courses not listed may be included in a student's concentration with permission of the ES adviser.

Note: It is strongly recommended that students take STAT 11300 Probability and Statistics.

## COMHE 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards. prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
$3 c r$.

## GEOG 24100 - Population Geography

## Pluralism and Diversity

PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.
prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
$3 c r$.

## GEOG 33500 - International Pollution Issues

## GER

3/B
A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
3 cr .

## GEOG 24300 - Urban Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr .

GEOG 37000-Geography of Sustainable Development in Developing Countries

Pluralism and Diversity
PD/A
GER
3/B
Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 37100-Rural Water Supply in Developing Regions

## Pluralism and Diversity <br> PD/A <br> GER <br> 3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.
prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOL 20500 - Environmental Geology

## GER

3/B
As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
3 cr.

## GEOL 33400 - Geomorphology: The Study of Beaches and Coasts

GER
3/B
A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of
such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.
prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr.

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 38500 - GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered.
May be repeated for credit as topics change.
Material Fee:\$ 15
prereq: GTEC 20100 or equiv.
3 hrs
3 cr .

## PGEOG 31300 - Biogeography

## GER

3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.

3 hrs
3 cr .

## PGEOG 33500 - Urban and Metropolitan Coasts

## GER

3/B

A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.
prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
3 cr.

## PGEOG 36100-Global Climatic Change

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .

## PGEOG 36300 - Environmental Hazards

## GER

3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: $P G E O G 13000$ or equiv.
3 hrs
3 cr .

## PGEOG 38300 - Special Topics in Environmental Studies

## GER

3/B

Open to Jr/Sr only. Topics to be announced. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.

1-4 hrs (lec or lec/lab)
1-3 cr.

## POLSC 24400 - Energy and Environmental Politics and Public Policy (W)

## GER

3/B

Examination of political processes and public policies shaping energy production and consumption in the U.S. with comparative reference to other countries. Emphasis on political, economic, social, environmental and foreign policy aspects.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## SOC 36100 - Development and Modernization (W)

Pluralism and Diversity
PD/A
GER
3/B

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

## URBS 31000-Methods of Urban Research and Policy Analysis

## GER

3/B
Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
$3 c r$.

## URBS 40100 - Managing Urban Physical Environment

## GER

3/B
Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

## Total credits 40

## Environmental Studies - BA

The major offers two concentrations which are organized to promote an intensive understanding of contemporary physical science, specifically earth system science as it relates to environmental issues, and an intensive understanding of a system-based approach to the dynamic nature of human-environmental interactions particularly as manifest in contemporary politics and economics. The concentrations are Environmental Earth Science and Environmental Management and Policy. It is suggested that students select a concentration as they enter the major with the understanding that the choice is not final at this stage and students can switch concentrations as they advance in the program. To aid in this process, the curriculum offers a common core of required courses, as well as sufficient overlap within the required elective courses. It is strongly recommended that students considering this major meet with the adviser to discuss their interests and program of studies as courses may be added or deleted as the college's and department's offerings change. One or more courses not listed below may be included in a student's concentration with the advice and consent of the adviser.
A. Environmental Earth Science Concentration
B. Environmental Management and Policy Concentration

## Internships

Students can receive from one to four credits for internships in government agencies, consumer and activist groups, business and industry and media organizations involved in energy issues (e.g., Council on the Environment of NYC, Energy Task Force, NY State Assembly, Sierra Club, International Earthcare Center, NY State Department of Energy, Brooklyn Union Gas, NYC Department of Environmental Protection and the American Museum of Natural History).

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows
one course selected from

## PGEOG 13000 (STEM) - Weather and Climate

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr .
Offered fall and spring.

## GEOL 10500 - Introduction to Environmental Geoscience

Hunter Core<br>Scientific World (SW)<br>\section*{GER}<br>2/E (Non lab course)

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
$3 c r$.

## GEOL 18000 - Introduction to Oceanography

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring
and
at least one course (minimum of 3 credits) selected from

## GER

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr.
Fall

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr .
Offered fall and spring
and

- at least one course (minimum of 3 credits) from the 300 -level approved electives listed in the college catalog under either the environmental studies program's Concentration A Environmental Earth Science Concentration or Concentration B Environmental Management and Policy Concentration).


## Minor in Geology

A minor in geology consists of 12 credits selected from GEOL prefix courses -or-

## PGEOG 23100 - Physical Geography II: Principles of Geomorphology

See GEOL 23100
-or-

## PGEOG 33400 - Coastal Geomorphology See GEOL 33400

See GEOL 33400
-or-

## GTECH 35000 - Field Topographic Surveying

Field use of surveying equipment. Notebook and computer data collection relating to horizontal and vertical location on the landscape, including the use of global positioning systems. Field record-keeping and preliminary analysis of results. Fee for transportation, accommodations and food allowance required.
prereq: GTEC 20100, perm instr.
90 hrs of field/lab work (1 day lab, 10 days field)
3 cr.
Offered summer intersession (check with dept. in April).
Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

## Additional Information

If after taking a number of geology courses at Hunter, a student wishes to concentrate in geology, it is recommended that the student transfer to a unit of CUNY offering a geology major or take courses on permit at other CUNY units as elective credits.

## Preparation for Graduate Work in Teaching Earth Science

For students planning to pursue an MA degree for teachers of earth science, grades 7-12, it is recommended that they complete the following undergraduate work: a baccalaureate degree with a grade point average of 2.8 or better in their science courses and in their overall undergraduate work; a major of at least 30 credits in arts and sciences.

At least 21 credits in

- geology,
- physical geography,
- earth science or environmental science, including geographic techniques;
- general education core in the liberal arts and sciences that includes
- 6 credits in English,
- 6 credits in mathematics/technology,
- 6 credits in social studies (to include at least one course in U.S. history or geography),
- 6 credits in the arts and
- 6 credits in a language other than English.

It is recommended, but not required, that the criteria above be satisfied using

- electives selected from GEOL, PGEOG and GTECH courses;
- a minor in geology;
- GER core requirement laboratory science chosen from
- chemistry,
- physics or
- biology and
- GER core requirement non-laboratory science chosen from
- astronomy,
- oceanography,
- statistics or mathematics.

For further information on the education requirements, students should see an adviser in the School of Education.

## Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to

## GEOG 49000 - Honors in Geography

Upper $\mathrm{Jr} / \mathrm{Sr}$ geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr .

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

- and have a 3.0 cumulative GPA and a 3.5 GPA in the major.


## The following courses

also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

## GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

## PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.

## PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr. 1-3 cr.

## Fieldwork

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Study Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

## Graduate Study

Graduate-level courses may be taken for credit toward the bachelor's degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

## Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu $\rightarrow$ tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## Geography - BA

The major in Geography is designed to prepare students to understand and respond to our world's changing social and natural environments. The major consists of 43-45 credits-a 13-15 credit Common Core that includes a capstone project, and 30 credits in one of four tracks: Urban and Social Geography, Physical and Environmental Geography, Geographic Information Science, and Sustainability Studies. Students interested in temporary certification as a Social Studies-Childhood Education teacher should complete Track A: Urban and Social Geography and must apply for the QUEST Program through the School of Education before completing a total of 45 undergraduate credits.

To declare as a geography major, students must complete one of the following three courses (which are included in the major): GEOG 10100 or GEOG 15000 or GEOL 10500. Completion of ENGL 12000 prior to declaring as a major is also strongly recommended since several advanced courses have ENGL 120 as a prerequisite. Students interested in the Geographic Information Science track are strongly encouraged to take STAT 11300 or STAT 21300 (STEM) since it is a prerequisite for GTECH 30100.

Note: Courses leading to this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core, Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major in Geography (43-45 cr)

Students complete the Geography Core (13-15 credits), and select one of the four tracks (30 credits).

## Geography Core 13-15 credits

## GEOG 10100 - People and Their Environment

Hunter Core<br>Individual and Society - Social Science<br>GER<br>2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

$$
\begin{aligned}
& 3 \mathrm{hrs} \\
& 3 \mathrm{cr} \text {. } \\
& \text { offered fall and spring. }
\end{aligned}
$$

-or-

## GEOG 15000 - World Regional Geography

## Pluralism and Diversity

PD/A or D
GER
2/B

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring
-or-

## GEOL 10500 - Introduction to Environmental Geoscience

## Hunter Core

Scientific World (SW)
GER
2/E (Non lab course)
Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
$3 c r$.

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring
or both

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr .

## GTECH 10100 - Digital Earth

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of the world, address world problems, and make sound decisions. Students will learn how satellites take complete photographs of the entire planet, Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.
3 hr .
3 cr.

One Approved Capstone course from the following list (3 credits):

## GEOG 48000 - Capstone in Urban and Social Geography

Individual or group research project as capstone experience in urban and social geography.
prereq: Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## PGEOG 48000 - Capstone in Physical Geography

Individual or group research project as capstone experience in physical and environmental geography.
prereq: Senior standing as a geography or environmental studies major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## GTECH 48000 - Capstone in Geographic Information Science

Individual or group research project as capstone experience in geographic information science.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## GEOG 49000 - Honors in Geography

Upper $\mathrm{Jr} / \mathrm{Sr}$ geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr .

## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance.
Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

## GTECH 49000 - Honors in Geographic Information Science

Open to qualified Track C geography majors.
prereq: Senior standing, a minimum GPA of 3.5 in the major, approval of undergraduate adviser, and signed project contract with faculty sponsor
3 hrs
3 cr .

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu-tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## GTECH 49800 - Internship in Geographic Information Science

Open to qualified geography majors and minors. Opportunities for working in positions of responsibility in professional institutions for academic credit.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor. 3 hrs
3 cr .
Note: To graduate with departmental honors, students must hold senior status, have a minimum GPA in the major of 3.5 , and complete GEOG 49000 or PGEOG 49000 or GTECH 49000 as their capstone course.

## Track A: Urban and Social Geography (30 credits)

## 5 courses from the list below (15 credits)

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

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Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
cr.
Offered fall and spring
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## GEOG 24100 - Population Geography

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
$3 c r$.

## GEOG 24300 - Urban Geography

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr.

## GEOG 24400 - Political Geography

## GER

3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

## GEOG 24700 - Cultural Geography

## GER

3/B
This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr .

## GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.
prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
$3 c r$.

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring
2 courses with a GEOG 30600 course number ( 6 credits)

## GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr.
3 courses with a GEOG 30500, GEOG 38300 , or GTECH 38500 course number ( 9 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

## GEOG 30500 - Special Topics in Urban and Regional Dynamics

Advanced topics in urban geography. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.

## GEOG 38300 - Special Topics in Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr

## GTECH 38500 - GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered.
May be repeated for credit as topics change.
Material Fee:\$ 15
prereq: GTEC 20100 or equiv.
3 hrs
3 cr .

Note: Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a prerequisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.

## Track B: Physical and Environmental Geography (30 credits)

The following 15 credits

## PGEOG 21200-Geography of Soils and Vegetation

## GER

3/B

## PGEOG 25000 - Earth System Science I

GER
3/B
In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## GEOL 23100 - Principles of Geomorphology

## GER

2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $\$ 15$
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: \$15
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr .
-and-
Five 300-level courses with a PGEOG, GEOL, and/or GTECH prefix with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals ( 15 credits)

## Track C: Geographic Information Science (30 credits)

The following 9 credits:

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

```
Material Fee: $15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4cr.
Offered fall and spring
```


## GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: \$15
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr .

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.
prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr.
and

## The following 15 credits:

## GTECH 30100 - Quantitative Methods in Geography

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr.

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.
prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 36100 - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.
-and-

## 2 additional 300 -level GTECH courses with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals

Note: GTECH 30100 has GTECH 20100 and STAT 11300 or STAT 21300 as prerequisites. Selected GTECH 38500 courses have GEOG or PGEOG prerequisites in addition to GTECH 20100.

## Track D: Sustainability Studies (30 credits)

Five courses from the list below (15 credits):

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

## GEOG 24500 - Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.
prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr .

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## GEOG 24300 - Urban Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr .

GEOG 24100 - Population Geography

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .
GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $\$ 15$
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## WGSL 20017 - Globalization and Gender

Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'
prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr .

The following 9 credits:

## GEOG 38300 - Special Topics in Geography

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
$1-3 \mathrm{cr}$

## GEOG 37000 - Geography of Sustainable Development in Developing Countries

## Pluralism and Diversity

PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 37100 - Rural Water Supply in Developing Regions

```
Pluralism and Diversity
PD/A
GER
3/B
```

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner. prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

* Note: GEOL 38328 Environmental Ethics is the required course; no other 38300 course will be acceptable.

2 courses with a GEOG 30500, GEOG 30600, GEOG 38300 or GTECH 38500 course number ( 6 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

Note: Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a pre-requisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.

## Minors for Geography Majors

A minor course of study is no longer required at Hunter College. However, geography majors can elect to minor in any field of their choice. It is recommended, but not required, that the chosen field be related to the student's principal interest(s) in geography, and that the student consult with the Geography Undergraduate Adviser prior to selection of a minor course of study.

## Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEOG or GTECH prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

## Minor in Geology

A minor in geology consists of a minimum of 12 credits selected from courses with a GEOL prefix, or PGEOG 23100, or PGEOG 33400, or GTECH 35000. Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000 (STEM), GEOL 10000, GEOL 10500, GEOL 18000; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100*, GEOG 22600, GEOL 28000, or GTECH 20100; and
- at least one course (minimum of 3 credits) from the 300 -level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).
*PGEOG 25000 is a prerequisite for PGEOG 25100


## Options in Social Studies Education within the Geography Major

The Department of Geography and the School of Education provide opportunities for students to prepare for a career in teaching social studies in grades 1-6 (Childhood Education)or in grades 7-12 (Adolescent Education).

1. Option in Social Studies within the Geography Major for Childhood Education Teachers
2. Option in Social Studies within the Geography Major for Adolescent Education Teachers

## Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to the following and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

## GEOG 49000 - Honors in Geography

```
Upper \(\mathrm{Jr} / \mathrm{Sr}\) geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr.
```


## PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

## The following courses

Also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

## GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
1-3cr

## GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
$1-3 \mathrm{cr}$

## GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept. 1-3 cr.

## PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

## PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or $P G E O G$ 13000, perm instr.
$1-3 \mathrm{cr}$.

## PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr. 1-3 cr.

## Fieldwork

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Education Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

## Graduate Study

Graduate-level courses may be taken for credit toward the bachelor's degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

## Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu $\rightarrow$ tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

## Option in Social Studies within the Geography Major for Adolescent Education Teachers

Return to: Geography - BA

In cooperation with the The School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching social studies in grades $7-12$. In addition to mandatory course work provided by the School of Education, interested students must complete the course of study outlined below. At least 18 credits of these courses or equivalents must be satisfactorily completed (grade of C or better) before the student enrolls in the social studies methods courses. Refer to the catalog section specific to programs in the The School of Education.

Transfer students who enter Hunter College with more than 90 credits or who will exceed 90 credits in completing the prerequisites for this option in the Geography major, cannot apply for the Adolescent Education program of the School of Education. They may still complete this option within the Geography major but must complete a Master of Arts degree in Adolescent Education before certification as a New York State teacher. While New York State recognizes the
regular major in Geography for certification in Childhood Education, students interested in becoming certified as Social Studies-Adolescent Education teachers in New York State must complete this interdisciplinary course of study.

## Prerequisites for the Major 9 credits

## HIST 15100 - The United States from the Colonial Era to the Civil War (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
$1 / \mathrm{C}$ or $2 / \mathrm{B}$

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 15200 - The United States from the Civil War Era to the Present (W)

```
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
```

American political, social and cultural history from the Civil War to the present.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
GEOG 15000 - World Regional Geography

```
Pluralism and Diversity
PD/A or D
GER
2/B
```

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## Requirements for the Major 36 credits

ECO 10000 - Introduction to Economics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr .

## GEOG 24100 - Population Geography

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## HIST 11100 - World History to 1500

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 11200 - World History from 1500 to the Present

Hunter Core<br>World Culture and Global Issues (WCGI)<br>\section*{GER}<br>2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.

Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## 1. Required courses (18 cr.)

## POLSC 11000 - American Government: A Historical Introduction (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

## ECO 10000 - Introduction to Economics

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr.

## GEOG 24100 - Population Geography

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population
growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
$3 c r$.

## HIST 11100 - World History to 1500

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 11200 - World History from 1500 to the Present

## Hunter Core <br> World Culture and Global Issues (WCGI) <br> GER <br> 2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
2. One 3-credit course in cultural anthropology (ANTHC) or Sociology (3 Cr)

- One 3-credit course in cultural anthropology (ANTHC) or Sociology (SOC) selected with approval of the Geography Undergraduate Adviser.


## 3. Elective Courses in History (6 credits)

- Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.


## 4. Elective Courses in Geography ( 9 credits, at least 6 credits at the 300 level)

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and $\mathrm{Jr} /$ Sr standing
3 hrs
3 cr .

## GEOG 24300 - Urban Geography

GER
3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr .
GEOG 34200-Geography of International Migration and Ethnicity
Pluralism and Diversity
PD/B
GER
3/B
Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr .

## GEOG 24700 - Cultural Geography

## GER

3/B
This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
$3 c r$.
GEOG 35700-Geography of New York City and Vicinity

Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 10100
3 hrs
3 cr.
Offered fall.

## GEOG 38000 - Seminar in Geographic Concepts and Methodology

## GER

3/B

An investigation of the evolution, conceptual framework, and methodological approaches of modern geography. Course goals are: increase student competence and marketability as a teacher; review content of geography with teaching in mind; share strategies, ideas activities (as befits a seminar course); familiarization with national and state standards; develop and acquire appropriate classroom-ready materials; acquire a classroom-ready photo collection; explore links to other subjects; and develop appropriate bibliographies of children's literature and websites.
prereq: perm instr.
3 hrs
3 cr.

## Option in Social Studies within the Geography Major for Childhood Education Teachers

In cooperation with the School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching in grades 1-6. Students may choose to complete the Geography - BA , in addition to successful completion of the QUEST program. Interested students may also choose to complete the course of study outlined below. The option in Social Studies for Childhood Education is available only to students who are accepted into the QUEST program.

Students not accepted to the QUEST program, or students not eligible to apply to the QUEST program, should complete the traditional Geography major outlined above. They must complete a Master of Arts degree in Childhood Education before being certified as a New York State teacher.

## Program Prerequisites (9 credits)

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core<br>US Experience in its Diversity (USED)<br>GER<br>1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## GEOG 15000 - World Regional Geography

Pluralism and Diversity
PD/A or D
GER
2/B

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## Requirements for the Major (30 credits)

## Required Courses (18 credits)

## HIST 11100 - World History to 1500

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/A<br>GER<br>2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.

Courses at the 300-level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 11200 - World History from 1500 to the Present

## Hunter Core

World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## GEOG 24100 - Population Geography

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{B}$ or C

## GER

3/B
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## POLSC 11000 - American Government: A Historical Introduction (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
$1 / \mathrm{C}$ or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent

3 hrs
3 cr.

## 2. Elective Courses in Geography (6 credits)

Choose any two of the following:

## GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.
GEOG 34200 - Geography of International Migration and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
$3 c r$.

## GEOG 24700 - Cultural Geography

## GER

3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr.

GEOG 35700-Geography of New York City and Vicinity

GER
3/B

Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 10100
3 hrs
3 cr .
Offered fall.

## GEOG 38000 - Seminar in Geographic Concepts and Methodology

GER
3/B

An investigation of the evolution, conceptual framework, and methodological approaches of modern geography. Course goals are: increase student competence and marketability as a teacher; review content of geography with teaching in mind; share strategies, ideas activities (as befits a seminar course); familiarization with national and state standards; develop and acquire appropriate classroom-ready materials; acquire a classroom-ready photo collection; explore links to other subjects; and develop appropriate bibliographies of children's literature and websites.
prereq: perm instr.
3 hrs
$3 c r$.

## 3. Elective Courses in History (6 credits)

Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

## Undergraduate Major/Graduate Major

## Five-Year BA/MA Program in Environmental Studies and Adolescent Education: Earth Science (Grade 7-12)

Students who major in Environmental Studies may also want to complete a sequence of courses that will enable them to pursue a career teaching earth science in grades 7-12. The BA/MA program in Environmental Studies and Adolescent Education: Earth Science is designed to prepare prospective teachers to serve as high-quality educator for adolescents in urban schools..

This is an accelerated program leading to a BA in Environmental Studies and an MA in Adolescent Education: Earth Science. The program is designed for highly qualified Environmental Studies majors who, during their sophomore year, decide to pursue a career in secondary school teaching. This program will ensure that these students receive all of their pedagogical and disciplinary training before entering the classroom to teach. Students who complete the 134 credit program will have satisfied the coursework requirements for teacher certification. The 18 elective credits required for
the Environmental Studies degree must emphasize atmospheric systems, earth systems, water systems, or geological systems.

For students in this BA/MA program, the 18 credit elective portion of the Environmental Earth Science Concentration major must include GEOL 10200 , PGEOG 13000 (STEM) , ASTRO 10100 /ASTRO 10700 or, after spring 2011, ASTRO 10100 , and a minimum of 9 undergraduate credits selection from 200- and 300-level GEOL, PGEOG, and GTECH courses (with the exception of GTECH 20100 ), and the independent study, honors, and internship courses in each of these series.

Students interested in this program should speak to adviser in the Department of Geography during their sophomore year to review the curriculum path for the five-year program. And students should also speak to an adviser in the School of Education as soon as possible.

Admission to the School of Education is not automatic with admission to Hunter College. There is a separate admission process that involves a paper application, a writing sample, and an interview.

## Required Courses

## ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

## GER

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
4 cr.
-or-

## ASTRO 10700 - Laboratory Exercises in Astronomy

## GER

2/E

Classroom and online experimental laboratory exercises in astronomy to observe the major features of the night sky, demonstrate the physical basis of astronomical instruments, and experiment with astronomical phenomena. Only offered to students who have previously taken ASTRO 100 which is no longer offered [ASTRO $100+$ ASTRO 107 are replaced by ASTRO 10100]. prereq or coreq: ASTRO 10000
2 hrs
1 cr .

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)

GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.
and

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .
-or-

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D

## GER

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr.

## GEOL 18000 - Introduction to Oceanography

## Hunter Core

Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological
aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr .
Offered fall and spring

## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10200 - Plate Tectonics and the Earth's Evolution

## GER

2/E
The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

## GEOL 20500 - Environmental Geology

## GER

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the
earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
3 cr.

## GEOL 28000 - Marine Geology

## GER

3/B
Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr.
Fall

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## PGEOG 13000 (STEM) - Weather and Climate

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$ 5

4 cr.
Offered in the Fall and Spring

## PGEOG 25000 - Earth System Science I

## GER

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them. prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system. prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

PGEOG 49000 - Honors in Environmental Studies

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.
-or-

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.
Major Electives 6-8 credits
Graduate Courses (see graduate catalog)

PGEOG 630 Science and Society 3
PGEOG 660 Challenging Concepts in Earth Science 4
PGEOG 701.63 Earth Science Today 3
GTECH 710 Introduction to GIS 3
SEDC 710 Building Foundations of Literacy

3

SEDC 713 Methods I 3
SEDC 720 Adolescent Health and Safety 1
SEDC 724 Methods II 2
SEDC 754.04 Student Teaching in Earth Sciences 5
SEDF 703 Social Foundations of Adolescent Education 3
SEDF 704 Adolescent Development 2
SEDF 705 Educational Psychology 2
SEDF 706 Assessment of Teaching and Learning

2
PGEOG or GTECH elective credits (grad) 3

## Undergraduate Minor

## Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000 , GEOL 10100 , GEOL 10500 , GEOL 18000 ; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100 *, GEOG 22600 , GEOL 28000 , or GTECH 20100 ; and
- at least one course (minimum of 3 credits) from the 300 -level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).
*PGEOG 25000 is a prerequisite for PGEOG 25100


## Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEO or GTEC prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

## Minor in Geology

A minor in geology consists of a minimum of 12 credits as follows:
One course selected (at least 3 credits) from
GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr .
Offered fall and spring.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs .
3 cr.

## GEOL 10200 - Plate Tectonics and the Earth's Evolution

## GER

2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

## GEOL 10500 - Introduction to Environmental Geoscience

## Hunter Core

Scientific World (SW)

## GER

2/E (Non lab course)
Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000

## GEOL 18000 - Introduction to Oceanography

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring
and

## at least one course (minimum of 3 credits) selected from

## GEOL 20500 - Environmental Geology

## GER

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.
prereq: GEOL 10100
3 hrs
3 cr .

## GEOL 23100 - Principles of Geomorphology

## GER

2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr .

## GEOL 28000 - Marine Geology

## GER

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr.
Fall or other approved course, and

## at least one course (minimum of 3 credits) from the following list of 300-level courses

## GEOL 33400 - Geomorphology: The Study of Beaches and Coasts

## GER

3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip. prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr.

## GEOL 38000 - Advanced Oceanography: Physics of the Oceans

## GER

3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean.
Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.
prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr .

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

## GTECH 35100 - Field Techniques in Geography

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.
Material Fee: \$300-400
prereq: GTEC 20100, any two additional geography or geology courses, perm dept.
90 hrs field/lab work (3 days lab, 7 days field)
3 cr .
Offered summer intersession (check with dept. in April).

## PGEOG 36100 - Global Climatic Change

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .

## PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.

3 hrs
3 cr .
or other approved course

## Other

A minimum of one lab* or field course** or other approved course with a field component is required
$\dagger$ PGEOG 25000 Earth System Science I (while not counted toward the geology minor) is a prerequisite for PGEOG 36100 .

## Geography

## GEOG 10100 - People and Their Environment

Hunter Core<br>Individual and Society - Social Science<br>GER<br>2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

## GEOG 15000 - World Regional Geography

## Pluralism and Diversity

PD/A or D
GER
2/B

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## GEOG 18300-Special Topics: Introductory Geosciences

Introductory special topics in geography, environmental geosciences, or spatial sciences.
3 hrs
3 cr .

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

## GEOG 22600 - Environmental Conservation: Resource Management

## GER

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

3 hrs
3 cr .

## GEOG 22700 - Environmental Conservation: Urban Problems

## GER

3/B

Covers topics related to environmental problems and their connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards. 3 hrs
3 cr .

## GEOG 24100 - Population Geography

Pluralism and Diversity
$\mathrm{PD} / \mathrm{B}$ or C

## GER

3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr .

## GEOG 24300 - Urban Geography

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, $\mathrm{Jr} / \mathrm{Sr}$ only
3 hrs
3 cr .

## GEOG 24400 - Political Geography

GER
3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr.

## GEOG 24500 - Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.
prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr .

## GEOG 24700 - Cultural Geography

GER
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

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effective term }201
prereq: ENGL 12000, and GEOG 10100 -or-GEOG 15000
3 hrs
3cr.
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GEOG 27200 - Regional Geography of Europe

Pluralism and Diversity
PD/D
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of modern Europe.
3 hrs
3 credits

## GEOG 30500 - Special Topics in Urban and Regional Dynamics

Advanced topics in urban geography. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.

## GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr .

## GEOG 31100 - Introduction to Fluid Mechanics

## GER

3/B

Now taught as PGEOG 31100
This course covers the basic principles of fluid mechanics include statics, forces on plane and curve surfaces, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli's equation, dimensional analysis, and elementary viscous flow. Frictional losses in laminar flow and simple pipe flow analysis are covered. Understanding of the physical phenomena is stressed and vector notation is introduced and used whenever suitable.
cross-listed PHYS 31100
prereq: PHYS 12100 or PHYS 12000 and MATH 15500

3 hrs
3 cr .

## GEOG 32100 - Transportation Geography

## GER

3/B

A geographic study and modeling of transportation routes and their influences on the location of economic activity. prereq: GEOG 221 or perm instr.
3 hrs
3 cr.
not offered 2011

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

## GER

3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr .

## GEOG 33500 - International Pollution Issues

## GER

3/B
A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
3 cr .

## GEOG 34200 - Geography of International Migration and Ethnicity

## Pluralism and Diversity

PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr .

## GEOG 34300 - Urban Geographic Theory

## GER

3/B

Spatial analysis of contemporary and theoretical issues concerning the economic growth, transportation, land use, social segregation and political fragmentation in metropolitan areas.
prereq: GEOG 34100 or equiv.
3 hrs
3 cr .

## GEOG 35700-Geography of New York City and Vicinity

## GER

3/B

Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 10100
3 hrs
3 cr .
Offered fall.

## GEOG 37000-Geography of Sustainable Development in Developing Countries

## Pluralism and Diversity

PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 37100-Rural Water Supply in Developing Regions

## Pluralism and Diversity

PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner. prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr .

## GEOG 38000 - Seminar in Geographic Concepts and Methodology

## GER

3/B
An investigation of the evolution, conceptual framework, and methodological approaches of modern geography. Course goals are: increase student competence and marketability as a teacher; review content of geography with teaching in mind; share strategies, ideas activities (as befits a seminar course); familiarization with national and state standards; develop and acquire appropriate classroom-ready materials; acquire a classroom-ready photo collection; explore links to other subjects; and develop appropriate bibliographies of children's literature and websites. prereq: perm instr.
3 hrs
3 cr .

## GEOG 38100 - Special Topics in Geography

## GER

3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr

## GEOG 38200 - Special Topics in Geography

## GER

3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
$1-3 \mathrm{cr}$

## GEOG 38300-Special Topics in Geography

## GER

3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3cr

## GEOG 38500-Geographic Studies in the Field

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Geographic Studies in the Field course offered either through the department or in conjunction with Education Abroad, taught primarily outside the formal classroom.
prereq: Vary by course
3 hrs
3 cr.
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## GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept.
$1-3 \mathrm{cr}$

## GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
1-3 cr

## GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sem of geography, perm dept. 1-3 cr

## GEOG 48000 - Capstone in Urban and Social Geography

Individual or group research project as capstone experience in urban and social geography.
prereq: Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr.

## GEOG 48100 - Capstone in Sustainability Studies

Individual or group research project as capstone experience in Sustainability Studies.
prereq: Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## GEOG 49000 - Honors in Geography

Upper $\mathrm{Jr} / \mathrm{Sr}$ geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
prereq: perm dept.
1 sem
3 cr .

## GEOG 49800 - Internship

Open to qualified geography majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institu $\rightarrow$ tions for academic credit. See undergraduate adviser.

1-4 cr.

## PGEOG 48000 - Capstone in Physical Geography

Individual or group research project as capstone experience in physical and environmental geography.
prereq: Senior standing as a geography or environmental studies major, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## Geographic Techniques and Methods

## GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.
prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr .

## GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: \$15
prereq: GEOG 10100 or GEOG 15000 and MATH 10100 or equiv or perm instr.
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

## GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: \$15
prereq: GTECH 20100

## GTECH 30100 - Quantitative Methods in Geography

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr .

## GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:\$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.
prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

## GTECH 35000 - Field Topographic Surveying

Field use of surveying equipment. Notebook and computer data collection relating to horizontal and vertical location on the landscape, including the use of global positioning systems. Field record-keeping and preliminary analysis of results. Fee for transportation, accommodations and food allowance required.
prereq: GTEC 20100, perm instr.
90 hrs of field/lab work (1 day lab, 10 days field)
3 cr.
Offered summer intersession (check with dept. in April).

## GTECH 35100 - Field Techniques in Geography

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.
Material Fee: \$300-400
prereq: GTEC 20100, any two additional geography or geology courses, perm dept.
90 hrs field/lab work (3 days lab, 7 days field)
3 cr.
Offered summer intersession (check with dept. in April).

## GTECH 36100-GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee:\$ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr .

## GTECH 38500-GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered.
May be repeated for credit as topics change.
Material Fee:\$ 15
prereq: GTEC 20100 or equiv.
3 hrs
$3 c r$.

## GTECH 48000 - Capstone in Geographic Information Science

Individual or group research project as capstone experience in geographic information science.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr.
GTECH 49000 - Honors in Geographic Information Science

Open to qualified Track C geography majors.
prereq: Senior standing, a minimum GPA of 3.5 in the major, approval of undergraduate adviser, and signed project contract with faculty sponsor
3 hrs
3 cr .

## GTECH 49800 - Internship in Geographic Information Science

Open to qualified geography majors and minors. Opportunities for working in positions of responsibility in professional institutions for academic credit.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr .

## Physical Geography

## PGEOG 13000 (STEM) - Weather and Climate

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>GER<br>2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

## PGEOG 23100 - Physical Geography II: Principles of Geomorphology

See GEOL 23100

## PGEOG 25000 - Earth System Science I

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them. prereq: at least one 100-level science course or perm instr.
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.

4 hrs
3.5 cr .

## PGEOG 25100 - Earth System Science II

## GER

3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr .

## PGEOG 31100 - Introduction to Fluid Mechanics

## GER

3/B

Covers the basic principles of fluid mechanics including statics, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli's equation, dimensional analysis, and elementary viscous flow.
cross-listed PHYS 31100
prereq: PHYS 12100 or 12000 and MATH 15500 or perm instr.
3 hrs
3 credits

## PGEOG 31300 - Biogeography

## GER

3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.
prereq: PGEOG 13000, GEOG 10100 or BIOL 10000/10200
3 hrs
3 cr .

## PGEOG 33200 - Introduction to Hydrology

GER
3/B
Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and
strategies of integrated water resources.
prereq: GEOL 10100, PGEO 13000 or perm instr.
3 hrs
3 cr .

## PGEOG 33400 - Coastal Geomorphology See GEOL 33400

See GEOL 33400

## PGEOG 33500 - Urban and Metropolitan Coasts

## GER

3/B

A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.
prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
3 cr .

## PGEOG 36100-Global Climatic Change

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr .
PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.
prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr .

PGEOG 38100 - Special Topics in Environmental Studies

GER
3/B

Open to Jr/Sr only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## PGEOG 38200 - Special Topics in Environmental Studies

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GER
3/B
Open to Jr/Sr only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm
instr.
1-4 hrs (lec or lec/lab)
1-3 cr.
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## PGEOG 38300 - Special Topics in Environmental Studies

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GER
3/B
Open to Jr/Sr only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm
instr.
1-4 hrs (lec or lec/lab)
1-3 cr.
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## PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

## PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.

## PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

Open to upper $\mathrm{Jr} / \mathrm{Sr}$ environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.
prereq: perm dept.

## PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper $\mathrm{Jr} / \mathrm{Sr}$ only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser. 1-4 cr.

## Geology

## GEOL 10000 - Introductory to Geology

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## GEOL 10100 - Introductory Geology Lab

## Hunter Core

Life \& Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr .

## GEOL 10200 - Plate Tectonics and the Earth's Evolution

GER
2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the
fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

## GEOL 10500 - Introduction to Environmental Geoscience

Hunter Core<br>Scientific World (SW)<br>GER<br>2/E (Non lab course)

Introduction to environmental geoscience focusing on aspects of global change and the interrelationship of earth systems. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.
prereq: ENGL 12000
3 hrs
3 cr.

## GEOL 18000 - Introduction to Oceanography

## Hunter Core

Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.
prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr .
Offered fall and spring

## GEOL 20500 - Environmental Geology

## GER

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.

3 hrs
3 cr .

## GEOL 23100 - Principles of Geomorphology

## GER

2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr .

## GEOL 28000 - Marine Geology

## GER

3/B
Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.
prereq: GEOL 10200 or perm instr.
3 hrs
3 cr .
Fall

## GEOL 33200 - Hydrology See PGEOG 33200

See PGEOG 33200

## GEOL 33400 - Geomorphology: The Study of Beaches and Coasts

GER
3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip. prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr .
GEOL 38000 - Advanced Oceanography: Physics of the Oceans

GER
3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean.
Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.
prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr .

## GEOL 38100 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GEOL 38200 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced. prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GEOL 38300 - Special Topics in Geology and Oceanography

## GER

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

## GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance. prereq: 2 sems of geology, perm dept.
1-3 cr.

## GTECH 10100 - Digital Earth

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of the world, address world problems, and make sound decisions. Students will learn how satellites take complete photographs of the entire planet, Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.
3 hr .
3 cr .

## Geography: Courses Less Frequently Offered

## GEOG 37200 - Field Geography of Peru

## GER

3/B

Regional field study of the geography of Peru. Topics include physical, environmental, historical, cultural, urban, political, agricultural, religious and economic geographies in various ecological zones. Taught in English. Fee for transportation and accommodations required. Completing GEOG 101 or GEOL 101 or PGEO 130 prior to enrollment is strongly recommended.
prereq: acceptance into Peru Study Abroad Program
coreq: GEOG 27100 or dept. perm.
90 hrs of fieldwork
3 cr.

## GEOL 21100 - Field Geology of New York City and Vicinity

GER
3/B

Provides you with the essential information about the geology of New York City, plate tectonics, and the philosophy and the practice of geological field work. Students will learn how to use basic field equipment and geologic and topographic maps. The first part of the course consists of field trips using public transportation to the main geologic formations of the New York metropolitan where students examine and identify rocks in situ and non in situ. Basic procedures of geologic field research are taught and students learn to identify, measure, and describe rocks, geologic structures and textures. The second part of the course will be in the laboratory to study the field material, plot
information on topographic maps, correlate information and create basic geologic maps, basic geologic profiles and the synthetic geologic column of the NYC Metropolitan area.
prereq or coreq: Prereq: GEOL 10100 or 10200

GEOL 24400 - Sedimentology

## GER

3/B
PGEOG 21200 - Geography of Soils and Vegetation

GER
3/B

## Programs and Courses in German

## German

## About the Department

German Program Description

## Foreign Language Requirement

1. Students who begin German as a new language will fulfill the foreign language requirement by taking 12 credits in the elementary/intermediate language sequence: GERMN 10100-GERMN 10200 (or GERMN 10300), GERMN 20100-GERMN 20200 (or GERMN 20300).
2. Students who enter with one or more years of high school German must take all the credits they need so that they can pass GERMN 20200 (or GERMN 20300).
3. Students who enter with four years of high school German will be exempted from the foreign language requirement (see the General Education Requirement section of this catalog).

## Placement

Students who have some knowledge of German should consult with one of the departmental advisers or the chair for placement in a class that is appropriate for them.

## Programs and Courses

Programs and Courses in German

## Administration and Faculty

## Department Office:

```
Elizabeth Zoiner
1405 West
(212) 772-4980
fax: (212) 772-5746
zoiner@genectr.hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/german
```


## Chair:

Lisa Anderson (on sabbatical in fall 2016)
1408 West
(212) 772-5006
lisa.anderson@hunter.cuny.edu
Acting Chair (fall 2016)
Elke Nicolai
1406 West
(212) 772-4985
enicolai@hunter.cuny.edu

## Faculty

German Faculty

HEGIS Code: 1103

## Undergraduate Major

## German - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## GERMN 10100 - Elementary German I

## Hunter Core

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr.

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr.

## GERMN 20200 - Intermediate German II

```
Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3cr.
```

-or-

GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr .

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Major- 24 credits

The major consists of 24 credits chosen from the following courses:
Advanced courses in language, level I (30100-31200):
GERMN 30100 - Advanced German Comprehension and Conversation

GER
3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 30200 - Advanced German Conversation and Composition

```
GER
3/A
Intensive practice in speaking and writing German.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
cr.
```


## GERMN 31000 - Advanced German Language Studies

## GER

3/A

Intensive language study in a German speaking country. May be repeated at different levels.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 31200 - Introduction to Business German

## GER

3/A

Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union. (Conducted in German)
prereq: GERMN 30100 or perm instr.
3 hrs
$3 c r$.
Advanced courses in literature, level I (32000-33900):
GERMN 32000 - Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32100 - Individual and Society in Modern German Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

The central conflict between individual liberty and societal constraints as reflected in short stories, novellas and plays by 20th century authors such as Kafka, Brecht. Böll and Frisch.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
GERMN 32200 - German Civilization

Pluralism and Diversity
PD/D
GER
3/A

Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
3 cr .

## GERMN 32300 - Women in German Literature

```
Pluralism and Diversity
PD/C
GER
3/A
Reading and discussion of literature from the 19th century to the present written in German by and about women.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3cr.
```

GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER

Reading and discussion of literature written in German by Swiss authors since the 19th century. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

## GERMN 32800 - German Children's and Adolescent Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
GERMN 33400 - The German Short Story and Novelle

Pluralism and Diversity
PD/D
GER
3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
GERMN 33500 - German Radio Plays: Hoerspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.
GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER

```
3/A
Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.
GERMN 33900 - German Drama from Naturalism to Present
Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
cr.
Advanced courses in literature, level II (34000-35900):
GERMN 34100 - German Drama from Age of Goethe to Naturalism
Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
cr.
```


## GERMN 34200 - The German Novel

```
Pluralism and Diversity
PD/D
GER
3/A
Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
```

GERMN 34300-German Literature from Its Origins to the Age of Goethe

Pluralism and Diversity PD/D

GERMN 34400 - Readings in Classical Period of German Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of selected works by Lessing, Goethe and Schiller.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 34500 - Literature of Weimar Republic

```
Pluralism and Diversity
PD/D
GER
3/A
Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
GERMN 34600-German Literature of the 1930s and 1940s
Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of literature written between the time of the Weimar Republic and 1945.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
```

GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.

## 3 hrs

3 cr .

GERMN 34800 - East German Literature (1945-1990)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Reading and discussion in German of literature written in East Germany during the existence of the German Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 35000 - Austrian Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .
GERMN 35300 - Goethe's Faust

Pluralism and Diversity
PD/D
GER
3/A

Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 35900 - German Literary Seminar

Pluralism and Diversity
PD/D
GER
3/A

Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.

# Advanced courses in language, level II (all course numbers beginning with 38500); 

## GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

GER<br>3/A<br>Reading and discussion of present-day German newspapers and magazines.<br>(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details. prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)<br>3 hrs<br>3 cr .

## GERMN 38502 - Advanced Business German

## GER

3/A
Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: GERMN 31200 or perm. instr.
3 hrs
3 cr .

## GERMN 38503 - German Grammar for Upper- Level Discourse

## GER

3/A
Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse.
(Conducted in German)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: three courses above GERMN 30000 or equiv (excluding courses in English translation)
3 hrs
3 cr .

## Special projects:

## GERMN 44400 - Seminar Studies in German Literature and Language

```
Pluralism and Diversity
PD/D
GER
3/A
```

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 2000 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 49100 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

## GERMN 49200 - Independent Study in German

Number of credits to be determined in advance in consultation with faculty member on basis of work planned.
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

## GERMN 49300 - Individual Studies Project in German Studies

Individual research on German-studies topic under direction of faculty member. Written report required.
(Conducted in German)
prereq: perm chair
3 cr.

## GERMN 49800 - Internship

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm of chair
1-4 cr.

## Additional Information

At least 12 credits must be earned by taking advanced classes in German literature and culture (numbered 3200035900; also 44400).

Three or more of these credits must be from level II literature courses (numbered 34000-35900; also 44400). Majors are permitted to substitute one level I literature course (numbered 32000-33900) with a level II language course (any course with a number that begins with 38500 ).

Students are encouraged to consult a departmental adviser as early as possible to plan their course of studies in German.
Students who begin German in college may count the following as major courses.

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .

## GERMN 20200 - Intermediate German II

```
Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
cr.
```

-or-

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester. prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## Preparation for Teaching in Grades 7-12

In cooperation with the School of Education, the program in German provides opportunities for students to prepare for a career in teaching German in grades 7-12. Students preparing to teach German must complete a 33 -credit major option (Option 2) for teaching that includes the 24 -credit sequence (Option 1) taken by non-teaching majors plus 9 additional credits: GERMN 39900 and 6 additional credits in advanced GRMN language and literature courses in the German Department between GERMN 30100 and GERMN 44400 or GERMN 24000 , GERMN 24100 or 300-level courses related to German studies offered in other departments (with prior approval by the chairperson of the German Department). Students interested in teaching German in New York schools will take the 23-credit pedagogical sequence for grades 7-12 Languages Other than English: Chinese, French, German, Hebrew, Italian, Russian, Spanish (BA) Additional Coursework and Student Teaching along with the major in German. This sequence may count toward the course requirements for New York State Certification but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the School of Education. All students who want to pursue a teaching certificate in German must take an oral examination with the German Department. See the The School of Education section of this catalog for further information.

## Minor in German

Foundational Courses must be completed before embarking upon the minor. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## GERMN 10100 - Elementary German I

```
Hunter Core
World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .
```


## GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr .

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts. prereq: GRMN 20100 or equiv.
3 hrs
3 cr .
-or-

GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr .

## GERMN 20300 - Intensive Intermediate German

```
Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6cr.
```


## Courses Required for the Minor

12 credits in language and literature taught in German at the 300 -level or higher are required for the minor.

- GERMN 30100 to 35900
- GERMN 38100 to 44400

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 320.00 and GERMN 35900. Students who begin their study of German in college may count GERMN 20100 and GERMAN 20200 or GERMN 20300 towards the minor and will need to take two courses at the 300-level.

## Electives

All courses offered are open to all qualified students as electives. For placement, consult a departmental adviser or the department chair.

## Honors, Tutorials

Consult the department chair for these special programs. In order to graduate with departmental honors the student has to write an honors essay in the following. Please check under "Academic Honors" for exact details. Students who qualify can be elected to the German Honor Society Sigma Epsilon Phi. Please consult the department for exact requirements.

## GERMN 49100 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

## Study Abroad

The German Department sponsors a summer study abroad program in Kassel, Germany, for students at all levels.

## Exchange Program with Pädagogische Hochschule Karlsruhe, Germany

The German Department has a semester-long or year-long exchange program with the Pädagogische Hochschule Karlsruhewww.ph-karlsruhe.de/index.php. The department will help students seek financial support. Please consult the department for details.

## International Examinations

The German Department is a testing site for the "Goethe Zertifikate" B1, B2 and C1. These examinations are given world-wide by the Goethe Institute www.goethe.de/lrn/prj/pba/bes/enindex.htm, the cultural arm of the German government.

## Undergraduate Minor

## Minor in German

## I. Foundational Courses for the Minor Core

GERMN 10100 - Elementary German I

```
Hunter Core
World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .
```

-and-
GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr .
-or-
GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
$6 c r$.

## II. Intermediate Core

## GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .
-and-

## GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .

## GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## III. Required Core

Courses required for the Minor: 12 credits in language and literature taught in German at the 300 -level or higher.

- GERMN 30100 to 35900
- GERMN 38100 to 44400

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 320.00 and GERMN 35900. Students who begin their study of German in college may count GERMN 20100 and GERMAN 20200 or GERMN 20300 towards the minor and will need to take two courses at the 300 -level.

## German: Beginning/Intermediate Courses

## GERMN 10100 - Elementary German I

## Hunter Core

World Culture and Global Issues (WCGI)
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Appendix II:
Foreign Language Requirement.
3 hrs
3 cr .

## GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr .

GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr.

## GERMN 20000 - Intensive German 2 and 3

Intensive Second- and Third-Semester German. Elementary and early intermediate speaking, writing, and comprehension. Review, practice, and expansion of appropriate grammar, vocabulary, and culture.
prereq: GERMN 10100

6 hrs
6 cr .

GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr .

## GERMN 20150 - Intermediate German Workshop I

Additional practice in spoken and written German. Intended to improve the speaking skill of students taking GRMN 201.
coreq: GRMN 201
1 hrs
1 cr .
GERMN 20200 - Intermediate German II

```
Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GRMN 20100 or equiv.
3 hrs
3 cr .
```


## GERMN 20250 - Intermediate German Workshop II

Intermediate conversation course open to students enrolled in GRMN 202. Conversation on topics from everyday life in modern Germany.
coreq: GRMN 20200
2 hrs
2 cr .

GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.
prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr .

## German: Advanced Courses

GERMN 30100 - Advanced German Comprehension and Conversation

GER
3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 30200 - Advanced German Conversation and Composition

```
GER
3/A
Intensive practice in speaking and writing German.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3cr.
```

GERMN 31000 - Advanced German Language Studies

## GER

3/A
Intensive language study in a German speaking country. May be repeated at different levels.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

GERMN 31200 - Introduction to Business German

GER
3/A

Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union. (Conducted in German)
prereq: GERMN 30100 or perm instr.
3 hrs
3 cr .
GERMN 32000 - Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32100 - Individual and Society in Modern German Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

The central conflict between individual liberty and societal constraints as reflected in short stories,novellas and plays by 20th century authors such as Kafka, Brecht. Böll and Frisch.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32200 - German Civilization

Pluralism and Diversity
PD/D
GER
3/A

Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
3 cr .

## GERMN 32300 - Women in German Literature

Pluralism and Diversity
PD/C
GER
3/A

Reading and discussion of literature from the 19th century to the present written in German by and about women.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 32800 - German Children's and Adolescent Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 33400 - The German Short Story and Novelle

Pluralism and Diversity
PD/D
GER
3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.
GERMN 33500 - German Radio Plays: Hoerspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .
GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A

Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 33900 - German Drama from Naturalism to Present

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke. (Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
$3 c r$.

## GERMN 34100 - German Drama from Age of Goethe to Naturalism

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

GERMN 34200 - The German Novel

Pluralism and Diversity
PD/D
GER
3/A
Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 34400 - Readings in Classical Period of German Literature

Pluralism and Diversity
PD/D
GER
3/A
Discussion of selected works by Lessing, Goethe and Schiller.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

## GERMN 34500 - Literature of Weimar Republic

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 34600-German Literature of the 1930s and 1940s

```
Pluralism and Diversity
PD/D
GER
3/A
```

Reading and discussion of literature written between the time of the Weimar Republic and 1945. (Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.
GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German
Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 35000 - Austrian Literature

```
Pluralism and Diversity
PD/D
GER
3/A
```

Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 35300 - Goethe's Faust

```
Pluralism and Diversity
PD/D
GER
3/A
Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3cr.
```

GERMN 35900-German Literary Seminar

Pluralism and Diversity
PD/D
GER
3/A

Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr .

## GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945 (W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust.
prereq: ENGL 12000
3 hrs
3 cr .
GERMN 38500 - Advanced Topics in German Language Study

Advanced study of a linguistic phenomenon or of German language for a particular purpose. May be repeated with a different topic or level.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: Will vary with topic
3 hrs
3 cr.

## GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

## GER

3/A

Reading and discussion of present-day German newspapers and magazines.
(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details. prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr .

## GERMN 38502 - Advanced Business German

## GER

3/A
Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: GERMN 31200 or perm. instr.
3 hrs
3 cr .

## GERMN 38503 - German Grammar for Upper- Level Discourse

## GER

3/A
Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse.
(Conducted in German)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: three courses above GERMN 30000 or equiv (excluding courses in English translation)
3 hrs
3 cr .

## GERMN 38504 - Advanced German Through Translation

GER
3/A

Translation of literary and non-literary texts from German into English. Basic introduction to translation theory.
(Conducted in German and English)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr .

## GERMN 39900 - Second Language Acquisition

GER
3/A

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
(Conducted in German)
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr.

## GERMN 44400 - Seminar Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A
Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 2000 or 20300 or equiv.
3 hrs
3 cr .

## GERMN 49100 - Honors Project

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

## GERMN 49200 - Independent Study in German

Number of credits to be determined in advance in consultation with faculty member on basis of work planned.
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

## GERMN 49300 - Individual Studies Project in German Studies

Individual research on German-studies topic under direction of faculty member. Written report required.
(Conducted in German)
prereq: perm chair
3 cr.

## GERMN 49800 - Internship

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details. prereq: perm of chair
1-4 cr.

## German Literature and Civilization (in English)

GERMN 24000 - German Thought and Culture: A Survey (W)

Pluralism and Diversity
PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

GERMN 24100 - German Fairy Tales in Translation (W)

## Hunter Core

Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairystory traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No "W" designation when offered in Winter Session

## GERMN 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr .
GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr .

## GERMN 37900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr .

GERMN 47900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr .
GRMN 32400 - Post-Feminist German Literature and Film

Pluralism and Diversity
P\&D C
Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21 st centuries.

## German: Courses less frequently offered

GERMN 10600 - German through Lieder
GERMN 34300-German Literature from Its Origins to the Age of Goethe

Pluralism and Diversity
PD/D

GERMN 36100 - Gottfried von Strassburg: Tristan

GER
3/A
GERMN 36200 - Wolfram von Eschenbach: Parzival in translation

GER
3/A
GERMN 36300-Goethe's Faust in English translation

GER
3/A

GERMN 36400 - Heinrich von Kleist

GER
3/A
GERMN 36500-Georg Büchner

GER
3/A
GERMN 36600 - Hermann Hesse

GER
3/A

GERMN 36700 - Hermann Hesse: Magister Ludi

GER
3/A

## GERMN 36800 - Rainer Maria Rilke's Duino Elegies

## GER

3/A
GERMN 36900 - Thomas Mann's The Magic Mountain

GER
3/A

GERMN 37000 - Franz Kafka

GER
3/A
GERMN 37100 - Bertolt Brecht

GER
3/A
GERMN 37600 - Masterpieces of Modern German Prose in English Translation

GER
3/A

GERMN 37800 - Masterpieces of German Drama in English Translation

GER
3/A

## Programs and Courses in History

## History


#### Abstract

About the Department

History is the record of human experience. Its study is a first step in learning about ourselves and our society - about economics and politics, psychology and sociology, mathematics and science, the arts and the humanities. For students whose undergraduate major is history, career opportunities are numerous and varied. Medical, law and other professional schools favor applicants with history majors because of their broad background and research skills. Moreover, while teaching has long been a popular goal for history majors, positions in government (local, state and national), in publishing and advertising, in communications and in business also await those students whose human perspective and intellectual discipline have been developed in history classes. Beyond the purely practical consideration of a profession, the study of history is exciting in its own right.


## Programs and Courses

# Administration and Faculty 

## Department Office:

1512 West
(212) 772-5480

Web site: http://hunter.cuny.edu/history
Acting Chair:
Donna Haverty-Stacke
1514 West
(212) 772-4412
dhaverty@hunter.cuny.edu

Faculty

History Faculty
HEGIS Code: 2205

## Undergraduate Major

## History - BA

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core

Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

## Major

## BA: 30 credits

- A minimum of 6 credits of HIST-designated courses with a grade of C or better are required before the declaration of major
- A maximum of 9 credits in 100 -level courses may be taken.


## - A minimum of 18 credits in advanced-level courses distributed as follows:

o 6 credits in 200-level courses (not including HIST 29000)
o 9 credits in 300-level courses or higher (not including HIST 30000/HIST 40000 )

- History Practicum


## HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more selfdirected, substantial and independent historical research projects in the future.
prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr .
A minimum grade of C is required to receive credit for HIST 29000

## - Historical Research or Historical Research Honors

## HIST 30000 - Historical Research (W)

## GER

3/B

Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300 -level and above not offered to freshmen.
prereq: HIST 29000 and departmental permission
3 hrs
3 cr .
-or-

## HIST 40000 - Historical Research [H]

## GER

3/B

The origins of history writing and the modern historical profession; modes of historical research; the evaluation of historical evidence; the historical and social uses of history. Recommended for all history majors. Required of students who wish to graduate with honors in history.
Courses at the 300-level and above not offered to freshmen.
prereq: not open to students who have completed fewer than 80 credits
3 hrs
3 cr .
A minimum grade of C is required to receive credit for HIST 30000/HIST 40000

## Geographic Distribution:

- Within the requirements for the major (exclusive of HIST 30000) students must complete a minimum of 6 credits in each of the following geographic fields:
-1) United States history
- 2) European history (includes Russia and the U.S.S.R.)
-3) World/Non-Western history (includes Asia, Africa, Middle East, Latin America).


## Chronological Distribution:

Within the requirements for the major (exclusive of HIST 30000) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:

- If the course is at the 100 -level, it must cover material that is entirely pre- 1815 .
- If the course is at the 200 -level or higher, the majority of the material in it must be pre- 1815 .


## Minor

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

Requirements:

1. Four history courses of 3 credits each (or 12 credits total) taken for a letter grade ( C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)
2. Courses must be distributed in at least two geographic fields, i.e. at least one course ( 3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)
3. At least two courses ( 6 credits) must be at the $300-\mathrm{level}$ or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.
4. At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must beapproved by the History Undergraduate Advisor.
There are no prerequisites for the minor, although certain courses may have their own prerequisites.
Declaring a Minor in History:
Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the OASIS).

## Preparation for Teaching

## Childhood Education (grades 1-6)

In cooperation with the School of Education, the Department of History provides opportunities for history majors to prepare for a career in childhood education. Students complete the 30 -credit History major with the childhood education sequence as a collateral major.

## Adolescent Education

Students who wish to prepare for a career in teaching social studies in grades 7-12 may take a 33- credit history major with an additional 9 credits of prerequisites History for Adolescent Education (Social Studies) In addition, students take the 23 -credit adolescent education sequence.

## Honors in History

Students will be eligible for honors in history upon the completion of all of the requirements for the major (including HIST 30000) with a 3.5 GPA and a 3.0 cumulative GPA at the time of graduation. In order to receive honors students may complete a portion of their major requirements in one of the following ways:

- completing HIST 40000 with a grade of B or better in lieu of HIST 30000 , which is required for the major OR
- completing 3 credits with a grade of $B$ or better in an honors seminar, problems course, or tutorial (with departmental permission) in lieu of one of their 300-level or higher courses required for the major. Such seminars, honors courses, or tutorial options include:
- HIST 48300 Problems in U.S. History (Honors) (W)
- HIST 48400 Problems in European History (Honors) (W)
- HIST 48500 Problems in Non-Western History (Honors) (W)
- HIST 49300 Individual Tutorial Research Project

Note: the student must still complete HIST 30000 or HIST 40000

OR

- completing a graduate-level course (with special permission from the instructor) with a grade of B or better in lieu of one of their 300- level or higher courses required for the major.

Note: the student must still complete HIST 30000 or HIST 40000

Eligible students should apply for honors at the time they file for graduation. Applications are available from the department.

## Graduate Study

Qualified students in their junior and senior years may be admitted to graduate courses with the approval of the department chair.

## History: Major with Minor in International Affairs - BA

Adviser: Michael Luther
Major

The major consists of 18 credits in history:

## HIST 32900 - History of European Diplomacy

Pluralism and Diversity
PD/D
GER
3/B

From the Congress of Vienna and national unification movements through the era of total wars and cold war. Courses at the 300 -level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 36100 - America and the World in the 20th Century

## Pluralism and Diversity <br> PD/D <br> GER <br> 3/B

The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.
Courses at the 300 -level and above not offered to freshmen.
prereq: ENGL 12000

3 hrs
3 cr .

## plus 9 credits selected from

## HIST 27700 - East Asia to 1600

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27800 - East Asia, 1600 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 28800 - History of Africa to the 19th Century

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.
HIST 28900 - Africa in the 19th and 20th Centuries

Pluralism and Diversity
PD/A
GER

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 32700 - Europe since 1914

GER
3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 34600-Churchill's Britain (W)

## GER

3/B
The history of Britain and its empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century.The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.
Courses at the 300 -level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .

## HIST 37500 - Late Imperial Russia and the Soviet Union

Pluralism and Diversity
PD/D
GER
3/B
Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.

HIST 37700 - Ancient and Imperial China to 1800

GER
3/B
China's traditions and transformation from Neolithic times to the late-imperial period, emphasizing state/society relations and the development of the centralized bureaucratic political system; covers political, economic, religious and social developments.

Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 37800 - China Since 1800

## GER

3/B

Internal and external challenges to China's traditional order; the collapse of the imperial system and the establishment of a republic; the warlord period; the war against Japan; the civil war between Communist and Nationalist forces;
China since the rise of the Communist Party to state power in 1949.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 39000 - History of Modern West Africa

## GER

3/B

Impact of Islam, Christianity and colonialism. Analysis of African nationalism and problems of independence. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

- Seminars, problems courses and tutorial if appropriate

Minor

The minor consists of 18 credits including

## ECO 34000 - International Trade

## GER

3/B

Theories of international trade and international trade policies.
prereq: ECO 20000
3 hrs
3 cr .

## POLSC 37500 - International Law (W)

## GER

3/B

The course will examine the sources, principles, functions, and effectiveness of international law.
prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor
3 hrs
3 cr .

## POLSC 27800 - International Organizations (W)

## GER

3/B
Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B
An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr .
Offered fall and spring

## GEOG 24400 - Political Geography

GER
3/B
Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

- plus 6 additional credits chosen from cultural anthropology, economics, energy and environmental studies, geography, political science, sociology, religion or other appropriate areas chosen with the approval of the adviser


## Undergraduate Minor

## Minor in History

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

Requirements:

1. Four history courses of 3 credits each (or 12 credits total) taken for a letter grade ( C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)
2. Courses must be distributed in at least two geographic fields, i.e. at least one course ( 3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)
3. At least two courses ( 6 credits) must be at the 300-level or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.
4. At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must beapproved by the History Undergraduate Advisor.
There are no prerequisites for the minor, although certain courses may have their own prerequisites.
Declaring a Minor in History:
Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the One Stop).

## Other Programs

## History for Adolescent Education (Social Studies)

Return to: History - BA

## Foundational Courses (9 credits)

At least 6 credits of Foundational Courses must be completed to declare the major. The remaining 3 credits can be completed along with the major.

## HIST 15100 - The United States from the Colonial Era to the Civil War (W)

```
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
```

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300 -level and above not offered to freshmen.

3 hrs
3 cr .

## HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core<br>US Experience in its Diversity (USED)<br>GER<br>1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## GEOG 15000 - World Regional Geography

Pluralism and Diversity<br>PD/A or D<br>GER<br>2/B

A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.
prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

## Major (33 credits)

## Geography ( 6 credits)

## GEOG 22100 - Economic Geography and Globalization

## GER

2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr .
Offered fall and spring

## GEOG 24100 - Population Geography

Pluralism and Diversity<br>$\mathrm{PD} / \mathrm{B}$ or C<br>GER<br>3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring. prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

## GEOG 24300 - Urban Geography

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

## GEOG 24400 - Political Geography

## GER

3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr .

## GEOG 24700 - Cultural Geography

GER
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr.

## GEOG 30500 - Special Topics in Urban and Regional Dynamics

Advanced topics in urban geography. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.

## GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to $\mathrm{Jr} / \mathrm{Sr}$ only.
prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr .

## GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr.

## Political Science \& Economics (6 credits)

## ECO 10000 - Introduction to Economics

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B
```

Introduction to economic principles, issues, and policy. Recommended for students who want a broad, one-semester
overview.
Not open to students who have taken or are currently enrolled in ECO 20000 or 20100 or their equivalents. Cannot be credited towards the Economics major.
3 hrs
3 cr.

## POLSC 11000 - American Government: A Historical Introduction (W)

## Hunter Core

US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## History (21 credits)

A maximum of 6 credits in history courses at the 100 -level and a minimum of 9 credits in history courses at the $300-$ level or above. Foundational courses do not count toward the History credits.

## World/Non-US History (12 credits)

including a least three credits in each of the following categories (courses may be used to count toward only one category; described category must comprise $50 \%$ or more of course content for course to qualify):

1) Pre-1800
2) non-Europe
3) Europe
4) One additional World/Non-US History

## US History (6 credits)

all above the 100 -level

## Keystone Course in History (3 credits)

SWIM or SYNC: History Practicum or any dedicated seminar or Honors course at the 400 level approved by the Undergraduate Advisor and/or the Department Chair, as involving significant writing in the major ("SWIM") or
graduate-level history course (700-level) available with permission to graduating seniors (Senior Year Non-Traditional Course; "SYNC")

## History: European History

## HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core<br>World Culture and Global Issues (WCGI)<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 12200-19th and 20th Century Europe (W)

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 20100-Ancient Civilization

GER
2/B
Development of civilization in the Near East. Its expansion under Greece and Rome to 500 CE in the Mediterranean basin.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 21100 - Medieval Civilization (W)

```
Pluralism and Diversity
PD/D
Social, institutional and cultural history of Western Europe from the late Roman period to the Black Death in the mid14th century.
```

Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 120
3 hrs
3 cr .

## HIST 24200 - The Holocaust: An Introduction

```
Pluralism and Diversity
PD/D
The attempt to exterminate the Jewish people by the Nazis.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
```


## HIST 30200-Greek History

Pluralism and Diversity
PD/D
GER
3/B

From the Bronze Age ca. 3000 BCE to the Roman conquest. Emphasis on cultural and political contributions of ancient Greece.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 30300 - Roman History

Pluralism and Diversity
PD/D
GER
3/B

From Iron Age to Justinian; rise and fall of Rome's power and her political and cultural achievements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 30500 - The Age of the Crusades

Pluralism and Diversity
PD/D
GER
3/B

The expansion of western Europe from 800 to 1492 in eastern Europe, the Mediterranean, Asia and Africa, giving particular attention to the Reconquista in Spain and the crusades in the Middle East.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31000 - Jewish History in the Medieval and Early Modern Periods

```
Pluralism and Diversity
PD/D
GER
3/B
```

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 31100 - Europe in the Early Middle Ages

Pluralism and Diversity
PD/D
GER
3/B

The development of European civilization from the fall of the Western Roman Empire to the First crusade.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 31200 - Europe in the High Middle Ages

GER
3/B

The 12th and 13th centuries in Europe; church and state; science and universities; guilds and capitalism.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31300 - Europe in the Late Middle Ages

## GER

3/B
Changing aspects of social, institutional, economic and cultural scene; humanism and art in the 14th and 15 th centuries. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 31400 - Ancient and Medieval Christianity (W)
Pluralism and Diversity
PD/D
GER
3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## HIST 31900 - Jewish History in the Medieval and Early Modern Periods (W)

Pluralism and Diversity
PD/A
GER
3/B
The Jewish people from late antiquity to the 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 32000 - Jewish History in the Modern World (W)

```
Pluralism and Diversity
PD/D
GER
3/B
From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; antiSemitism and the Holocaust; recent trends.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
```


## HIST 32100-History of the Holocaust

GER
3/B
Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 32400 - Europe in the Age of Renaissance and Reformation (W)
Pluralism and Diversity
PD/D
GER
3/B

European life and society in early modern era. Religious, political, economic and social change.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
HIST 32500 - Europe in the Age of Absolutism and Revolution

GER
3/B

Europe from the middle of the 17th century through the Congress of Vienna in 1815.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 32600 - Europe 1815-1914

GER
3/B
Political, social, intellectual and economic developments from the Congress of Vienna to World War I.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 32700 - Europe since 1914

GER
3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 32900-History of European Diplomacy

Pluralism and Diversity
PD/D
GER
3/B

From the Congress of Vienna and national unification movements through the era of total wars and cold war. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 33000 - Social and Economic History of Modern Europe

```
Pluralism and Diversity
PD/D
GER
3/B
Social and economic developments in Europe during the past 200 years.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)
GER
3/B
The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.
```

HIST 33200 - Modern Culture from the 18th to the 20th Centuries
GER
3/B

From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science. European political and social thought.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 33400 - France during the Revolution and Napoleonic Eras

GER
3/B

A study of the 18th-century antecedents of the French Revolution, the Revolutionary decade and the Napoleonic period.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 33500 - History of Modern France

GER
3/B

The French experience since Napoleon, with emphasis on life and death under the three Republics since 1870. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 33600 - History of 20th-Century Germany (W)

```
Pluralism and Diversity
PD/D
An introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the
First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War.
The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.
This course is an introduction to the major themes in German history in the 20th Century. It covers such topics as the
impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in
the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent
recent past.
prereq: ENGL 12000; Not offered to freshmen.
3 hrs
3cr.
```


## HIST 33700 - History of Spain

## GER

3/B

From the Middle Ages to the present. Political, economic and social developments.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 33800 - History of Italy (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 34250 - Early British History to 1689

## GER

3/B
Origins, medieval and early modern Britain to the Glorious Revolution.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 34251 - Britain Since 1689

```
Pluralism and Diversity
PD/D
GER
3/B
British history since the Glorious Revolution.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
```

HIST 34300 - England under the Tudors and Stuarts

GER
3/B

Government and society, 1485-1714.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 34600 - Churchill's Britain (W)

GER
3/B

The history of Britain and its empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century.The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.
Courses at the 300 -level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .

## HIST 37400 - Russia to the 20th Century

Pluralism and Diversity
PD/D
GER
3/B
Political, socioeconomic and cultural development of Russia from its Kievan origins to the crisis of monarchy.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 37500 - Late Imperial Russia and the Soviet Union

Pluralism and Diversity
PD/D
GER

Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 37600-Soviet Foreign Policy

GER
3/B

Objectives and strategies adopted by the Soviet government from the Russian Revolution of 1917 to the end of World War II.
Courses at the 300 -level and above not offered to freshmen.
prereq: at least one course in 20th century Europe or European diplomacy is recommended
3 hrs
3 cr .
HIST 38400 - Problems in European History (W)

GER
3/B

Intensive reading and research in selected topics.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 48400 - Problems in European History (Honors) (W)

GER
3/B
Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
3 hrs
3 cr .

## History: United States History

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 15200 - The United States from the Civil War Era to the Present (W)

```
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3cr.
```


## HIST 31600 - History of Religion in the United States

## GER

3/B

Changing European churches and indigenous American sects; their architecture, leaders and ideas.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 31700 - History of the American City

Pluralism and Diversity
PD/D
GER
3/B

History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 31800 - History of the American Working Class (W)

## Pluralism and Diversity

PD/D
GER
3/B

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000

```
3 hrs
3cr.
HIST 35300 - History of New York City
GER
3/B
Urban development; emergence as the financial and cultural capital of the nation; ethnic and racial diversity; dynamics
of economic and physical growth; problems of city politics.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3cr.
```

HIST 35400 - The American Colonies in the 17th Century (W)
GER
3/B
Comparative treatment of settlement in the Spanish, Portuguese, French, Dutch and English colonies.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 35500 - The American Colonies in the 18th Century (W)
GER
3/B
Social, political and cultural changes.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 35600 - The Early Republic
GER
3/B
Politics and society in the period of Jefferson and Jackson; reform, expansion and change.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 35700 - American-Jewish History (W)
Pluralism and Diversity
PD/D
GER

Development of the American Jewish community; economic, political and social integration; cultural adaptation. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
HIST 35800-20th Century United States (W)

Pluralism and Diversity
PD/D
GER
3/B

Leading personalities and domestic problems of the U.S. Since 1900.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .
HIST 35900 - Immigration and Ethnicity in the United States

Pluralism and Diversity
PD/D
GER
3/B

Experience of immigrant groups since Colonial times; motives for coming; economic and social adjustment; encounter with prejudice; ethnic institutions.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 36100 - America and the World in the 20th Century

Pluralism and Diversity
PD/D
GER
3/B

The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.
Courses at the 300-level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr .

HIST 36200 - Biography and Autobiography in the History of the U.S.

GER
3/B

Studies of Americans prominent in politics, art and national life.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36300 - American Cultural History

Pluralism and Diversity
PD/D
GER
3/B
An exploration of several significant themes in American cultural history from the late nineteenth through the late twentieth centuries. Through close readings of selected primary and secondary works (both written and visual) we will consider the meanings of popular, proto-mass, and mass culture as well as the nature of different levels of cultural tastes and styles in modern American history. Reflecting on the broader social and political context of these developments we will study a range of topics, including the myth of the self-made man, the role of the frontier and the cowboy, and critiques of mass consumer culture. Central to our historical examination of American culture will be an effort to appraise and describe: how American writers, artists, orators, cultural critics and everyday people constructed narratives (written, spoken, musical, visual) of identity for themselves along ethnic, racial, gendered, class-based and national lines; how the construction of those narratives were related to each other; and, how those narratives changed over time depending on specific political and social contexts.

Not open to students who took HIST 34174, the experimental version of this course.
3 hrs
3 cr .
HIST 36400 - American Constitutional History, 1783 to 1900

Pluralism and Diversity
PD/D
GER
3/B

Development of constitutional thought from the framing of the Articles of Confederation to 1900.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 36500 - American Economic History

GER
3/B
Rural agrarianism to advanced industrialism. Political and social forces, problems of capitalism, social classes.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36600 - Role of Women in American History

```
Pluralism and Diversity
PD/D
GER
3/B
```

Women in all aspects of the country's past; drive to suffrage and its aftermath.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36700-Civil War and Reconstruction

Pluralism and Diversity
PD/D
GER
3/B
Slavery, sectional conflict, political crisis of Union. New interpretations of postwar race relations.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 36900 - African American History in the United States

## GER

3/B
From the Colonial era to the present. Slavery, emancipation, social and cultural transformation, political turning points and economic issues.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 37000 - The West in American History

GER
3/B
As an undeveloped area; westward expansion, Indian-white relations; paradoxes of government policy; the modern West.
Courses at the 300-level and above not offered to freshmen.
3 hrs
$3 c r$.
HIST 38300 - Problems in U.S. History (W)

GER
3/B

Intensive reading and research in selected topics.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
HIST 48300 - Problems in U.S. History (Honors) (W)

GER
3/B

Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## History: World/Nonwestern/Latin American History

## HIST 11100 - World History to 1500

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.
HIST 11200 - World History from 1500 to the Present

## Hunter Core

World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 20800 - History of the Jews

```
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
```

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

## HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.

## HIST 27200 - History of Latin America in the 19th and 20th Centuries

Political, economic, social and cultural transformations contributing to the development of modern Latin America. Emphasis will be on major historical processes and their impact on the region's cultural diverse population.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800

## Pluralism and Diversity

PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
$3 c r$.

## HIST 27651 - The Modern Middle East from 1800 to the Present

```
Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and
including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of
imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
cr.
```


## HIST 27700 - East Asia to 1600

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 27800 - East Asia, 1600 to the Present

## Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 28800 - History of Africa to the 19th Century

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 28900 - Africa in the 19th and 20th Centuries

Pluralism and Diversity
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 30100 - History of the Ancient Near East

## GER

3/B

Political and cultural developments in Egypt, Mesopotamia, Syria-Palestine, Asia Minor, Persia ca. 3000 BCE to 323
BCE.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .
HIST 37300 - History of the Ottoman Empire (W)

Pluralism and Diversity
PD/A
GER
3/B

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the $12^{\text {th }}$-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.
prereq: ENGL 12000
3 hrs
3 cr .
HIST 37700-Ancient and Imperial China to 1800

GER
3/B
China's traditions and transformation from Neolithic times to the late-imperial period, emphasizing state/society relations and the development of the centralized bureaucratic political system; covers political, economic, religious and social developments.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 37800 - China Since 1800

GER
3/B
Internal and external challenges to China's traditional order; the collapse of the imperial system and the establishment of a republic; the warlord period; the war against Japan; the civil war between Communist and Nationalist forces; China since the rise of the Communist Party to state power in 1949.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 37900 - Japan to 1800

Pluralism and Diversity
PD/A
GER
3/B
Japanese history from Neolithic times to the late Tokugawa period, emphasizing political, social, religious and cultural developments.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 38000 - Japan since 1800

Pluralism and Diversity
PD/A
GER
3/B
Japan's remarkable transformation from the late Tokugawa to the present, emphasizing political, cultural and socialeconomic aspects of the Meiji Restoration, the rise of militarism and post-World War II developments.
Courses at the 300-level and above not offered to freshmen.
3 hrs
$3 c r$.

HIST 38500 - Problems in Non-Western History (W)

GER
3/B

Intensive reading and research in selected topics.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 38900-History of South Asia

GER
3/B

History of India and nearby countries from the ancient to modern times.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 39000 - History of Modern West Africa

GER
3/B
Impact of Islam, Christianity and colonialism. Analysis of African nationalism and problems of independence.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .
HIST 48500 - Problems in Non-Western History (Honors) (W)

GER
3/B

Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
3 hrs
3 cr .

## History: Topical, Seminar and Tutorial Courses

HIST 14100 - Contemporary Issues in Historical Perspective

Selected themes in history that bear on current problems and situations.
3 hrs
3 cr .
HIST 25000 - Historical Issues

Pluralism and Diversity
PD/B (HIST 25004 only)
Study of selected historical themes and issues. Topics vary each semester. May be taken a second time.
Courses at the 300 -level and above not offered to freshmen.

3 hrs
3 cr .

## HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more selfdirected, substantial and independent historical research projects in the future.
prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr.

## HIST 29100 - Historical Methods

The study of history, its sources and its methods.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

## HIST 30000 - Historical Research (W)

## GER

3/B

Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300 -level and above not offered to freshmen.
prereq: HIST 29000 and departmental permission
3 hrs
3 cr .

## HIST 34100 - Topics in History

GER
3/B

Exploration of major trends, special controversies or significant events; topics vary each term.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 34122 - Latin American Political Economy

## GER

3/B
courses at the 300 -level and above not open to freshmen
3 hrs
3 cr .

## HIST 34139 - African Influences in the Americas

```
GER
3/B
Courses at the 300-level and above not open to freshmen
3 hrs
3cr.
HIST 38200-Historical Studies Seminar
GER
3/B
Topics vary each term.
Courses at the 300-level and above not offered to freshmen.
prereq: GPA 2.8; history GPA 3.5
3 hrs
3cr.
HIST 39100 - Historical Restoration and Museum Work
GER
3/B
Introduction to museum work.
Courses at the 300-level and above not offered to freshmen.
3 hrs
cr.
HIST 40000 - Historical Research [H]
GER
3/B
```

The origins of history writing and the modern historical profession; modes of historical research; the evaluation of historical evidence; the historical and social uses of history. Recommended for all history majors. Required of students who wish to graduate with honors in history.
Courses at the 300 -level and above not offered to freshmen.
prereq: not open to students who have completed fewer than 80 credits
3 hrs
3 cr .

HIST 49200 - Honors Seminar in Historical Studies

3 hrs
3 cr .

HIST 49300 - Individual Tutorial Research Project

GER
3/B

Research paper under individual supervision of faculty member.
Courses at the 300-level and above not offered to freshmen.
prereq: perm chair and instr.
3 hrs
3 cr .
HIST 49800 - Internship

Work in professional institutions.
Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
1-6 cr.

## Religion: Religious Traditions

HIST 31500 - Christianity in Modern Times

GER
3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.
3 hrs
3 cr.

## Programs and Courses in Human Rights

## Human Rights

## About the Program

Program Description

## Programs and Courses in Human Rights

Programs and Courses in Human Rights

## Administration and Faculty

Director of the Human Rights Program and Program Adviser:
Lawrence C. Moss, Distinguished Lecturer
Roosevelt House-RH 404

212-396-6564
lawrence.moss@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/
Policy and Curriculum Committee Chair:
Leonard Feldman, Associate Professor, Political Science
1702 West
lfeldman@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/

## Faculty Advisory Committee

Human Rights Faculty

## Human Rights

Return to Human Rights Program

## Minor in Human Rights

## 15-credit Minor in Human Rights (5 3-credit courses):

The minor consists of the following courses:
2 Core Required Courses

- Introduction to Human Rights (HR 20000)
- Internship in Human Rights (HR 25000)

3 Elective Cognate Courses from an approved list
The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses.

Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners.

To be accepted into the Minor program, a student must have completed HR 20000 with a B and have a cumulative GPA of 3.0.

## Certificate in Human Rights

## 24-credit Certificate in Human Rights

HR 20000 Introduction to Human Rights: History, Discourse, Practice (W)
HR 25000 Human Rights Internship
HR 26000 Human Rights Internship Seminar (W)
HR 35000 Human Rights Capstone Seminar (W)
4 Elective Cognate Courses from an Approved List
The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-beingStudents should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses.

Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners.

To be accepted into the Certificate program, a student must have at least completed HR 20000 with a B and have a cumulative GPA of 3.0/.

## Courses in Human Rights

Courses in Human Rights

## Human Rights

## HR 12000 - Special Topics in Human Rights

This course covers special topics in human rights. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. The course may be repeated four times for credit with different topics.
prereq: ENGL 12000; HR 20000 is recommended but not required
3 hrs
3 cr.

## HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and
practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.
prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.
3 hrs
3 cr.
fall and spring; summer when possible

## HR 25000 - Human Rights Internship

This is a practicum course. It involves students participating in an organization that identifies its mission as the promotion of human rights. The aim of the course is to educate students in the practical dimension of translating human rights discourse and law into practice. The course is required for students seeking a Human Rights Certificate or a minor in Human Rights.
prereq: ENGL 12000 or equivalent; HR 20000 or equivalent
3 hrs
3 cr.
fall, spring, and summer

## HR 26000 - Human Rights Internship Seminar (W)

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.
prereq: ENGL 12000 and HR 20000
prereq or coreq: HR 25000
3 hrs
3 cr.
fall semesters on Wednesdays, 10:10 a.m. - 1:00 p.m. It is recommended that students not take an earlier Wednesday morning class, as site visits off campus may start at 10:00 a.m.

## HR 32000 - Special Topics in Human Rights

This course covers special topics in human rights on an advanced undergraduate level. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. May be repeated four times for credit with different topics.
prereq: ENGL 12000; HR 20000 or Permission of Instructor or Permission of Human Rights Program Director
3 hrs
3 cr .

## HR 35000 - Human Rights Capstone Seminar (W)

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating
students to present their research projects in the seminar and to compose a 20-25 page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.
prereq or coreq: HR 26000
Offered spring 2012; not offered fall 2011

## Programs and Courses in Hunter-Bellevue School of Nursing

## Hunter-Bellevue School of Nursing

## About the School

- Brief History
- Nursing: Brief School Description
- Programs Offered School of Nursing
- The Health Professions Education Center (HPEC)


## Programs and Courses

- Programs and Courses in Hunter-Bellevue School of Nursing


## Admission Requirements (all Programs) and Policies

- Admission Requirements (all Programs)
- Admission Requirements to Nursing Programs
- GPA Requirements for Nursing Programs
- Attendance Requirements for Nursing
- Grading Policy for Nursing Courses


## Licensing and Accreditation

- Accreditation
- Licensing

Administration and Faculty

- Hunter-Bellevue School of Nursing Administration


## Faculty

## Bachelor of Science - BS

## Nursing Accelerated 2nd Degree Program

This program is designed for students who have a baccalaureate degree in another field and wish to transition into a career in nursing. The program is intensive; students receive a Bachelor of Science degree with a major in Nursing in 18 months provided they have met all general education requirements. The Accelerated 2nd Degree Program is a fulltime program that includes weekends, daytime and evening classes.

## Requirements for Admission

In order to be considered for admission into the Accelerated 2nd Degree Program, applicants must meet eligibility requirements and admission criteria. All students applying to the Accelerated 2nd Degree Nursing Program must have a baccalaureate degree from an accredited institution with a minimum cumulative GPA of 3.2 and a minimum grade of " B " in all science courses by June 1 preceding their entrance into the program. Students who do not meet GPA and degree requirements are not eligible to take the National League for Nursing Pre-admission-RN Examination and are not eligible to apply for admission into the program.

Students may take their last two prerequisite courses during the spring semester of the admission process. Prerequisite courses must be taken for a grade: courses taken on a credit/no credit (CR/NC) basis will not be accepted. Students may not take prerequisite courses during the summer immediately preceding the fall entry into the program. Proof of successful completion of courses taken in the spring must be received by the School of Nursing by June 1. Because admissions decisions are made before the spring term ends, applicants with pending grades will be conditionally accepted until receipt of final grades.

Acceptance into the nursing major is based on the following admission criteria: composite admission score (GPA plus score on NLN Pre-Admission-RN Examination) and completion of all admission requirements. The composite scores are rank ordered from the highest to the lowest, and admission decisions are given to those applicants with the highest scores.

## Requirements for the Degree:

69 non-nursing and 51 nursing credits

## Suggested Sequences of Courses:

## First Semester (Fall)

## NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

## NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.
prereq: CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 20000; NURS 24000;
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr .

## NURS 22000 - Adult Health and IIIness

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced.
Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

```
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical
4 cr.
```


## NURS 33100 - Pharmacology I

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr.

Second Semester (Winter)

## NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000
45 hrs. lecture
3 hrs .

## Third Semester (Spring)

## NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr .

## NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

## NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000

## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

## Fourth Semester (Summer)

## NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

## NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.
Fifth Semester (Fall)

## NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services
consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr .

## NURS 47000 - Adult Acute IIIness/ Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr.

## NURS 49000-Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr .

## NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab

2 cr .
**clinical courses running same semester as generic
***clinical courses running separate from generic

## Accelerated 2nd Degree Program:

## NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr .
offered fall

## NURS 21000-Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.
prereq: CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 20000; NURS 24000;
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr.

## NURS 22000 - Adult Health and IIIness

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical

4 cr.

## NURS 33100 - Pharmacology I

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000

## NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000
45 hrs. lecture
3 hrs .

## NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr .

## NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, 90 hrs. Clinical
4 cr .

## NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the
context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical

4 cr.

## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
$3 c r$.

## NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
$3 c r$.

## NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
$4 c r$.

## NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions
of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

## NURS 47000 - Adult Acute IIIness/ Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr.

## NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

## NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs : Lab

2 cr .

# Nursing Course Listing 

Return to Hunter-Bellevue School of Nursing

Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of "C" in all required nursing courses. Only one failed required nursing course is repeatable only once by students who have received a " $D$ " or less. Students who fail a second required nursing course in the sequence may not repeat that course and may not continue in the major. This policy applies even though a grade appeal is in progress.

## Generic Pathway Courses

## Nursing Generic Program

## NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr .
offered fall

## NURS 33100 - Pharmacology I

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .

## NURS 33200-Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.

## NURS 38000 - Nursing Research and Theory

```
Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3cr.
```


## Accelerated Second Degree Pathway Courses

Nursing Accelerated 2nd Degree Program

## NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

## NURS 33100 - Pharmacology I

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .
NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
prereq: NURS 22000
30 hrs
2 cr .

## NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

```
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000
45 hrs
3cr.
```


## NURS 38000-Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

## NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr .
RN Pathway Courses

## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System


#### Abstract

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced. Fully online/hybrid 3 hrs 3 cr .


## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

## NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr.

## NURS 38400 - Nursing Culturally Diverse Families

## Pluralism and Diversity

PD/B
Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr.

## NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement.

Combination online/hybrid.
4 hrs
4 cr .

## NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .

## Nursing Electives

## NURS 34000 - Women's Health

## Pluralism and Diversity

PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr .

## NURS 34200 - Ethical Issues in Nursing Practice

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
$3 c r$.

## NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr .
NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.
3 hrs
3 cr .

## NURS 34600 - Death and Dying

```
Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3cr.
```


## NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.

## NURS 35100 - Gender, Science and Technology

```
Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3cr.
```


## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.
Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

## NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
$3 c r$.

## NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
3 cr .

## NURS 44100 - Selected Studies in Nursing Research

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr.

## NURS 44200 - Nursing Care of Acute and Critically III Clients

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr.

## NURS 44500 - Teaching-Learning Across the Developmental and Health Continua

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr.

## NURS 45000 - Computer Concepts and Application in Nursing

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
3 cr.

## NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers. 3 hrs
3 cr .

## Leave of Absence Policy and Reserved Placement in a Clinical Course

A reserved placement in a clinical/field course will be held for the student for only one year from the date of the leave of absence. The School of Nursing cannot guarantee the placement for any longer period of time. It is the responsibility of the student to submit to the undergraduate program director a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

## Nursing Generic Program

The Hunter-Bellevue School of Nursing undergraduate program of study combines liberal arts and professional nursing education with a humanistic and comprehensive approach to health care, leading to a Bachelor of Science degree with a major in Nursing. At the completion of this generic program, students are eligible to take the National Council of State Boards Licensing Examination for RNs (NCLEX-RN). The undergraduate program also provides a foundation for graduate study. The Generic Program consists of two parts:

- Non-nursing (liberal arts and core requirements)
- Nursing (professional nursing education)

Students are considered for admission to the school of nursing for the fall semester only, after completing non-nursing pre-requisite courses and an application. Only students admitted to the School of Nursing are permitted to declare nursing as their major. Students admitted to the School of Nursing are required to attend the program on a full-time basis.

## Requirements for Admission to Nursing Program

All students applying to the Generic Nursing Program must have a college GPA of 3.2 or above by the end of the fall semester preceding spring application.

- Courses taken prior to clinical nursing courses may not be taken on a Credit/No Credit basis.
- Prerequisite courses with a minimum GPA of 3.2 and a minimum grade of " B " in statistics and all science courses:
- General Chemistry with lab (CHEM 10000 /CHEM 10100) or higher equivalent course
- Organic Chemistry with lab (CHEM 12000 /CHEM 12100) or higher equivalent course
- Introduction to Statistics (STAT 11300) or higher equivalent course
- History ( HIST 15100, HIST 15200 or POLSC 11000)
- English Composition (ENGL 12000 and ENGL 22000)
- General Psychology (PSYCH 10000)
- Human Development (Developmental Psychology of the Life Span; PSYCH 15000)
- Students enrolled in prerequisite courses during the spring semester of application must provide proof of a minimum cumulative GPA of 3.2 and a minimum grade of " B " in all science courses no later than June 1st in order to receive final acceptance to the nursing major.
- A career goal statement will be required.
- Complete the NLN RN Pre-Admission exam (referred to as the NLN PAX exam) which is administered in February at Hunter College Testing Center (150N)


## Non-Nursing Program Requirement

For CUNY Common Core-Required Core \& CUNY Common Core-Flexible Core go to Appendix I: Hunter Core Requirement

## Nursing Program Requirements

Requirements for the Degree:
60 non-nursing and 60 nursing credits
Allied Courses:

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
fall only

## BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only
Humanities:

## BIOL 23000 - Fundamentals of Microbiology

## GER

3/B
Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

## NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

## NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.
prereq: CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 20000; NURS 24000;
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr .

## NURS 22000 - Adult Health and IIIness

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs . Clinical

4 cr .

## NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.
For RN to BS students only.
Fully online/hybrid.
prereq: CHEM 10000/10100; STAT 11300
coreq: NURS 20000; NURS 21000
30 hrs. lecture
2 cr .

## NURS 33100 - Pharmacology I

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .

## NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
prereq: NURS 22000
30 hrs
2 cr.

## NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000
45 hrs. lecture
3 hrs.

## NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr .

## NURS 34900 - Foundations of Ethics and End-of-Life Care

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3 ) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "ELNEC Trained."
prereq: NURS 22000, NURS 24000, NURS 38000
coreq: NURS 34300; NURS 36000
45 hrs. lecture
3 hrs .

## NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in
classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

## NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000
22.5 hrs: Lecture; 30 hrs : Lab; 67.5 hrs : Clinical

4 cr .

## NURS 38000-Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

## NURS 42200 - Health Policy and Leadership

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
45 hrs: Lecture
3 cr .
NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

## NURS 46000-Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

## NURS 47000 - Adult Acute IIIness/ Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr .

## NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200

30 hrs: Lecture; 90 hrs: Clinical
4 cr.

## NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs : Lab

2 cr.

Nursing Elective 2 cr.
P\&D: 6 cr.
Total Credits for Degree: 120 cr .

## Repeating a Course

Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of " $C$ " in all required nursing courses. Students who receive a grade of " $D$ " or lower, or who fail any segment of a clinical nursing course or lab will be allowed to repeat the course or segment only once. Students who fail a second required nursing course or clinical lab/segment will be dismissed from the nursing program. This policy applies even if a grade appeal is in progress. Students who fail the clinical portion of a course will receive an " $F$ " for the entire course, regardless of the corresponding theory grade.

## Leave of Absence Policy and Reserved Placement in a Clinical Course

A reserved placement in a clinicalfield course will be held for the student for only one year from the date of the leave of absence. It is the responsibility of the student to submit to the undergraduate program director a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

## Nursing RN Program

## Admission Criteria: RN Program

An overall college GPA of 3.2 in addition to other requirements is the minimum requirement for consideration of an application. Admission to the School of Nursing is competitive.

The program is designed for RN students who have already completed a two- or three-year nursing program. All RN students admitted to the program are required to submit evidence of NYS RN licensure and health insurance, medical records with specified immunizations and CPR certification prior to entering the first semester of the nursing major.

Applicants who are in the process of taking the licensing examination are admitted conditionally. Proof of receipt of an RN license must be submitted to the Hunter-Bellevue School of Nursing by December 1 for students admitted in the fall. Students unable to show proof of license will not be permitted to continue in the nursing major. Applicants to the RN-BS Program must have completed 36 credits of liberal arts and sciences (including credits in progress) at an accredited college, plus the equivalent of 24 credits in nursing.

Students transferring from any accredited associate degree program in the United States will be granted 24 nursing credits for having a Professional Registered Nurse license. The Nursing Regents College Examinations (RCE'S) in Adult Nursing, Maternal and Child Nursing, and Psychiatric/Mental Health Nursing at the baccalaureate level are required for applicants from schools without accreditation, and for international graduates. A score of " C " or better is acceptable.

Students should download a current RN Program Fact Sheet, which details the admission process, from the HunterBellevue School of Nursing website at http://www.hunter.cuny.edu/nursing.

## Lower Division (Hunter Core)

Students entering Hunter with an AAS degree are required to complete Core, Pluralism and Diversity, and one writing course. Transfer students will have their transcripts evaluated upon admission by the admissions office. Courses for which equivalency is granted need not be repeated. Some transfer courses al may be used to satisfy Core requirements.

For CUNY Common Core, Required Core \& CUNY Common Core, Flexible Core go to Appendix I: Hunter Core Requirement

The requirements for students holding an $\mathrm{AA}, \mathrm{AS}, \mathrm{BS}$, or AAS are differentiated at this link:
http://www.hunter.cuny.edu/academics/hunter-core-requirement

## Prerequisite Courses

## Prerequisite Courses (courses meet Hunter Core as noted)

English Composition (ENGL 12000 or transfer equivalent)* meets English Comp 1
Introduction to Statistics (STAT 11300 or transfer equivalent)* meets M/QR
General Psychology (PSYCH 10000 or transfer equivalent)
Human Development (PSYCH 15000 or transfer equivalent)
General Chemistry with Lab (CHEM 10000 (STEM) and CHEM 10100 or transfer equivalent) * meets LPS
Anatomy \& Physiology (BIOL 12000 \& BIOL 12200 or transfer equivalent)
Microbiology with lab (BIOL 23000 or transfer equivalent)
12.5 credits of science and math in addition to Statistics and Chemistry

Total lower division credits: 66

Students partially fulfill the major requirements with 24 credits of nursing with their AAS degree or Regents Colleges Examinations. The remaining major courses and nine credits of electives are completed at Hunter:

## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

## NURS 38400 - Nursing Culturally Diverse Families

## Pluralism and Diversity

PD/B
Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr .
**Meets Pluralism and Diversity Requirement/Group B. Only open to nursing majors.

## NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr.

## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

## NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement

Combination online/hybrid.
4 hrs
4 cr .

## NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .
Hunter nursing electives ( 9 cr .)

Nine credits from the following courses:

## NURS 34000 - Women's Health

## Pluralism and Diversity

PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr .

## NURS 34200 - Ethical Issues in Nursing Practice

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
3 cr .

## NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr .

## NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.
3 hrs
3 cr .

## NURS 34600 - Death and Dying

```
Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3cr.
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NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.

## NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
$3 c r$.

## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.
Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

## NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
3 cr .

## NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
3 cr.

## NURS 44100 - Selected Studies in Nursing Research

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr .

## NURS 44200 - Nursing Care of Acute and Critically III Clients

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr .

## NURS 44500 - Teaching-Learning Across the Developmental and Health Continua

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr .

## NURS 45000 - Computer Concepts and Application in Nursing

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
3 cr .

## NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr .
Total upper division credits: 54
Total minimum credits required for degree: 120

## Repeating a Course

Note: Students who fail a course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of " $C^{\prime \prime}$ in all required nursing courses. Students who receive a grade of " $D$ " or lower, or who fail any segment of a clinical
nursing course or lab will be allowed to repeat the course or segment only once. Students who fail a second required nursing course or clinical lab/segment will be dismissed from the nursing program. This policy applies even if a grade appeal is in progress. Students who fail the clinical portion of a course will receive an " $F$ " for the entire course, regardless of the corresponding theory grade.

## Leave of Absence Policy and Reserved Placement in a Clinical Course

A reserved placement in a clinicalfield course will be held for the student for only one year from the date of the leave of absence. The School of Nursing cannot guarantee the placement for any longer period of time. It is the responsibility of the student to submit to the undergraduate program director a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

## Nursing Dual/Joint Degree

This is an early entry into the RN-BS program for students at Queensborough Community College. They are granted acceptance to Hunter after their freshman year if they satisfy certain GPA and course requirements. See the Queensborough website for further information about this phase of the dual degree www.qcc.cuny.edu/nursing/dualJoint-hunterBellevue.html

The Hunter portion of the curriculum follows the RN-BS curriculum:

## Nursing Major

## NURS 34000 - Women's Health

## Pluralism and Diversity

PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr.

## NURS 35100 - Gender, Science and Technology

## Pluralism and Diversity

PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr.

## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.

Fully online/hybrid
3 hrs
3 cr .

## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr.

## NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr.

## NURS 38400 - Nursing Culturally Diverse Families

## Pluralism and Diversity

PD/B
Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr.

## NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
4 cr.

## NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.

Fully online-hybrid.
3 hrs
$3 c r$.
Six credits of nursing electives: The following two courses are suggested. They meet $\mathrm{PD} / \mathrm{C}$ requirements.

## Total HC Nursing ( 24 cr .)

## Nursing-BS

## Admission Criteria: RN Program

An overall college GPA of $\underline{3.2}$ in addition to other requirements is the minimum requirement for consideration of an application. Admission to the School of Nursing is competitive.

The program is designed to meet the special needs of the experienced RN student who has already completed a two- or three-year nursing program. All RN Program students admitted to the program are required to submit evidence of NYS RN licensure and current registration, liability insurance, health insurance, medical records with specified immunizations and CPR certification prior to entering the first semester of the nursing major.

Students awaiting their State Board licensing examination scores who have not yet been awarded the Registered Professional Nurse License are admitted conditionally. Proof of receipt of the RN license must be submitted to the Hunter-Bellevue School of Nursing by December 1 for students admitted in the fall. Students unable to document receiving the license will not be permitted to continue in the nursing major. Applicants to the RN-BS Program must have completed 36 credits of liberal arts and sciences (including credits in progress) at an accredited college, plus the equivalent of 24 credits in nursing.

Students transferring from any accredited associate degree program in the United States will be granted 24 nursing credits for having a Professional Registered Nurse license. The Nursing Regents College Examinations (RCE'S) in Adult Nursing, Maternal and Child Nursing, and Psychiatric/Mental Health Nursing at the baccalaureate level are required for applicants from schools without accreditation by recognized bodies, and by international graduates. A score of "C" or better is acceptable.

Students should download a current RN Program Fact Sheet, which details the admission process, from the HunterBellevue School of Nursing website at http://www.hunter.cuny.edu/nursing.

## Curriculum

Pre-requisite courses may not be taken on a Credit/No Credit basis.

## Prerequisite Course of Study with a minimum grade of " C " or its equivalent:

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E
```

Essential facts, laws, and theories of general chemistry.

Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec$)$
3 cr .
-or-

## CHEM 10100 - Inquiries into the Nature of Matter

## Hunter Core <br> Life and Physical Sciences (LPS) <br> GER <br> GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100 .

3 hrs
3 cr .

## BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

## BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
spring only

## STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## BIOL 23000 - Fundamentals of Microbiology

## GER

3/B
Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

## ENGL 12000 - Expository Writing

## Hunter Core

English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

PSYCH 15000 - Human Development

GER
2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage. prereq: PSYC 10000
3 hrs
3 cr.
Note: Submit proof of graduation from an accredited nursing program prior to beginning course work. The licensing exam (NCLEX-RN) must be completed and proof of passing the exam must be submitted to the School of Nursing by the end of the first semester or a student will be unable to progress in the program.

## Non-Nursing Program Requirement (NEW HUNTER CORE):

## Required Core (12 credits)

## ENGL 12000 - Expository Writing

Hunter Core<br>English Comp (EC)<br>GER<br>1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
$3 \mathrm{hrs}+$ conf
3 cr .

## ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core<br>English Comp (EC)<br>GER<br>2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

## STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam
should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam prereq or coreq: ENGL 12000
3 hrs
3 cr.

## CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E
Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100
4 hrs (3 lec, 1 rec)
3 cr.
Flexible Core (18 credits)
```

HIST 15100 - The United States from the Colonial Era to the Civil War (W)
Hunter Core
US Experience in its Diversity (USED)
GER
$1 / \mathrm{C}$ or $2 / \mathrm{B}$

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

## Hunter Core

US Experience in its Diversity (USED)

## GER

1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## PSYCH 10000 - Introduction to Psychology

## GER

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

## BIOL 23000 - Fundamentals of Microbiology

## GER

3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

## Requirements for the Degree:

## 66 non-nursing and 54 nursing credits ( 24 from the Associate's degree program and 30 from Hunter).

## Suggested Sequences of Courses:

## First Semester Nursing Program (Fall)

## NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr .
offered fall

## NURS 33400 - Pathopharmacology

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management.
prereq: CHEM 10000/10100; BIOL 23000
4 hrs
4 cr.

## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr.

## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

## Winter Intersession

## NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.
For RN to BS students only.
Fully online/hybrid.
prereq: CHEM 10000/10100; STAT 11300
coreq: NURS 20000; NURS 21000
30 hrs. lecture
2 cr.

## Second Semester (Spring)

## NURS 38100 - Health Assessment Throughout the Lifespan

```
Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr .
```


## NURS 42300 - Foundations of Ethics and Palliative Care

An introduction to ethics and palliative care in nursing.
prereq: CHEM 10000/10100; STAT 11300
3 hrs
3 cr .

## NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
$4 c r$.

## NURS 49100 - Gerontology for Nurses

This course provides a knowledge and skill base for effective nursing care of older adult clients.
prereq: CHEM 10000/10100
3 hrs
3 cr .
Summer Session

## NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .

## Associate in Applied Science/Bachelor of Science

## Nursing Dual/Joint Degree

This is an early entry into the RN-BS program. Students start out at Queensborough Community College. They are granted acceptance to Hunter after their freshman year if they satisfy certain GPA and course requirements. See the Queensborough website for further information about this phase of the dual degree http://www.qcc.cuny.edu/academies/hrs-academy.html

The Hunter portion of the curriculum follows the RN-BS curriculum:

## Nursing Major

## NURS 37900-Nursing and Societal Forces in the Health Care Delivery System

```
Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .
```


## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .
NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr .

## NURS 38400 - Nursing Culturally Diverse Families

Pluralism and Diversity
PD/B
Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr.

## NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
$4 c r$.

## NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .
Six credits of nursing electives: The following two courses are suggested. They meet PD/C requirements

## NURS 34000 - Women's Health

```
Pluralism and Diversity
PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological,
psychological, environmental, political.
3 hrs
3cr.
```


## NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C

Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr .

## Total HC Nursing (24 cr.)

## Nursing

## NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: fully online/hybrid
prereq: CHEM 10100; STAT 11300
coreq: Generic Pathway: NURS 21000; NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

## NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.
prereq: CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 20000; NURS 24000;
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Asessment Lab; 45 hrs Clinical
4 cr.

## NURS 22000 - Adult Health and IIIness

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utlization of the nursing proces, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.
prereq: (Generic): NURS 20000; NURS 21000; NURS 24000; (A2D): CHEM 10000/10100; STAT 11300
coreq: NURS 33100, NURS 20000; NURS 21000; NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical

4 cr.
NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.
For RN to BS students only.
Fully online/hybrid.
prereq: CHEM 10000/10100; STAT 11300
coreq: NURS 20000; NURS 21000
30 hrs. lecture
2 cr .

## NURS 33100 - Pharmacology I

The first course presenting essential pharmaological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and nuerological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
prereq: 1. Generic Program: NURS 20000; NURS 21000; NURS 24000
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr .

## NURS 33200-Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
prereq: NURS 22000
30 hrs
2 cr .

## NURS 33400 - Pathopharmacology

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management.
prereq: CHEM 10000/10100; BIOL 23000
4 hrs
4 cr.

## NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
prereq: NURS 22000; NURS 33100
coreq: NURS 33200; NURS 35200; NURS 38000

45 hrs. lecture
3 hrs.

## NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.
prereq: 1. Generic Program: NURS 22000; NURS 24000; NURS 33900; NURS 38000
2. Accelerated 2nd Degree: NURS 22000; NURS 33900
coreq: 1. Generic Program: NURS 34900; NURS 36000
2. Accelerated 2nd Degree: NURS 35200; NURS 36000; NURS 38000

45 hrs
3 cr.

## NURS 34900 - Foundations of Ethics and End-of-Life Care

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3 ) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "ELNEC Trained."
prereq: NURS 22000, NURS 24000, NURS 38000
coreq: NURS 34300; NURS 36000
45 hrs. lecture
3 hrs.

## NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.
prereq: NURS 22000; NURS 33100
coreq: (Generic )NURS 33200; NURS 33900; NURS 38000
(A2D) NURS 34300; NURS 36000; NURS 38000;
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

## NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion,
maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.
prereq: NURS 22000; NURS 33100
coreq: (Generic) NURS 34300; NURS 34900
(A2D) NURS 34300; NURS 35200; NURS 38000
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical

4 cr.

## NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.
Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.
Fully online/hybrid
3 hrs
3 cr .

## NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: Fullly online.
prereq: Generic Program: NURS 22000
Accelerated 2nd Degree: NURS 22000
RN Program: STAT 11300
coreq: Generic Program: NURS 33200; NURS 33900; NURS 35200
Accelerated 2nd Degree: NURS 34300; NURS 35200; NURS 36000
RN Program: None
3 hrs
3 cr .

## NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: \$45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr .

## NURS 38400 - Nursing Culturally Diverse Families

```
Pluralism and Diversity
PD/B
Open to RN-BS Program students only. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. Principles of service-learning are reflected in the culturally competent interventions.
3 hrs
3 cr .
```


## NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
$3 c r$.

## NURS 42200 - Health Policy and Leadership

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
45 hrs: Lecture
3 cr.

## NURS 42300 - Foundations of Ethics and Palliative Care

An introduction to ethics and palliative care in nursing.
prereq: CHEM 10000/10100; STAT 11300
3 hrs
3 cr .

## NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: NURS 35200; NURS 36000
coreq: NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
$4 c r$.

## NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions
of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
prereq: NURS 35200; NURS 36000
coreq: NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

## NURS 47000 - Adult Acute IIIness/ Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr.

## NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement. Combination online/hybrid.
4 hrs
4 cr.

## NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr .

## NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr .

## NURS 49100 - Gerontology for Nurses

This course provides a knowledge and skill base for effective nursing care of older adult clients.
prereq: CHEM 10000/10100
3 hrs
3 cr .

## NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab

2 cr .

## Nursing: Electives

## NURS 34000 - Women's Health

Pluralism and Diversity
PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr .

## NURS 34200 - Ethical Issues in Nursing Practice

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
3 cr.
NURS 34500-HIVIAIDS: An Interdisciplinary Perspective for Health Care Providers

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.
3 hrs
$3 c r$.

## NURS 34600 - Death and Dying

```
Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3cr.
```

NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.

## NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr .

## NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
3 cr .

## NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
3 cr.

## NURS 44100-Selected Studies in Nursing Research

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr .

## NURS 44200 - Nursing Care of Acute and Critically III Clients

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr .

## NURS 44500 - Teaching-Learning Across the Developmental and Health Continua

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr .
NURS 45000 - Computer Concepts and Application in Nursing

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
3 cr .

## NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr .

NURS 49500 - Writing for Health Professionals: A Course for Undergraduates

In this course, students explore and refine their powers of observation, description, and expression through writing. Students engage in prompted narrative writing exercises and produce new out-of-class writings that are discussed in small groups and revised. The cultural and personal context in which writing is produced and read is emphasized. Scholarly and literary works are discussed, as are blogs. Students are guided to explore and test strategies for overcoming personal challenges to timely, effective writing.

45 hrs .
3 cr.

## Programs and Courses in Latin American \& Caribbean Studies

## Latin American and Caribbean Studies

## About the Program

Latin American and Caribbean Studies is an interdisciplinary program that offers students the opportunity to learn about the history, culture, politics, society, and political economy of the region and its relations with the United States.

The LACS program, in collaboration with the Hunter College Education Abroad Office, has offered study-abroad programs in Argentina, Costa Rica, and Brazil in recent years.

## Programs and Courses

## Administration and Faculty

Program Office:
1716 West
(212) 772-5680

Web site: http://www.hunter.cuny.edu/lacsp
Faculty
Latin American and Carribean Studies Faculty
HEGIS Code: 0308

## Undergraduate Major

## Latin American and Caribbean Studies - BA

The specialization in Latin American and Caribbean Studies as a major leading to a BA degree consists of 24 credits. The core courses for the major are drawn from the social sciences, humanities, and arts. Following the program's goal of exposing the region's realities from the perspectives of various disciplines, no more than two courses from any single department may count for the 24 major credits. The program recommends that students take a 12credit minor in one of the associated disciplinary departments. Students select courses for the major in consultation with the program's director or with a member of the Latin American and Caribbean Studies Faculty Advisory Committee.

The interdisciplinary specialization of the major will serve graduates well, whether they choose to seek employment in public or private organizations, pursue professional degrees, or go on to a graduate degree in the social sciences or humanities.

## Language Requirement

Latin American and Caribbean Studies majors are required to demonstrate a reading knowledge of Spanish, Portuguese, or French, fulfilled at least one semester before graduation from the college.

## Course Requirements for the Major

LACS students are required to take either LACS 33000 (a field course for students to study or intern in the region or intern in an institution in the New York area) or LACS 43400 (a course that comprises preparation of a major original research paper to be developed in close association with a mentor from the Latin American and Caribbean Studies Faculty Advisory Committee). ENGL 12000 is a prerequisite for program courses.

## LACS 33000 - Latin America and the Caribbean Field Course/Internship

A field course for students to study in the region or who are interning in an institution either in the New York area or in the region. Major research paper based on field or internship experience.
3 cr .

## LACS 43400 - Seminar in Latin American and Caribbean Studies

Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have instructor permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 edits.
3 cr.

## Departmental Honors

LACS majors with a GPA above 3.5 are eligible to receive the Lily Mage Award.

## CR/NC Policy

No CR/NC grades will be accepted in courses to meet LACS major requirements.

## Teaching

In addition to its distinguished regular Hunter faculty, LACS offers students courses by excellent adjunct faculty.

## Mentoring

Faculty mentoring is very important to the LACS Program. Majors should maintain regular contact with their mentors/advisers.

## Study Abroad

Study abroad is encouraged for LACS majors. Study-abroad programs are offered through the Education Abroad Programs office at Hunter College..

## Course Offerings for LACS

Course Offerings in LACS from Other Departments

## Africana and Puerto Rican/Latino Courses

## AFPRL 10200 - Latino Communities in the United States

```
Pluralism and Diversity
PD/B
GER
2/B
```

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr .

## AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr .

## AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr .
AFPRL 23700 - African Caribbean Literature (W)

```
Pluralism and Diversity
PD/A or B
GER
2/A
```

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000

3 hrs
3 cr .

## AFPRL 24100 - Puerto Rican History to 1897

Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr .
AFPRL 24200 - Puerto Rican History Since 1898

Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present. 3 hrs
3 cr .

## AFPRL 24300 - Puerto Rican Culture

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr.

AFPRL 24400 - Puerto Ricans in the United States

Pluralism and Diversity
PD/B
GER
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr .

AFPRL 25500 - Puerto Rican/Latino Children in North American Schools

Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.
3 hrs
3 cr .

## AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
$3 c r$.

## AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

## GER

3/B

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr .

## AFPRL 31900 - Women in the African Diaspora (W)

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values. cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

## AFPRL 32000 - African-Caribbean Culture (W)

```
Pluralism and Diversity
PD/A or B
GER
3/A
```

Anthropological study of culture of Caribbean peoples of African descent: African roots, slavery and contemporary life styles.
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
$3 c r$.

## AFPRL 33700 - Caribbean Women Writers (W)

## GER

3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

## AFPRL 35600 - Latino Literature in English (W)

```
Pluralism and Diversity
PD/B
GER
3/A
Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr .
```


## AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

```
Pluralism and Diversity
PD/B
GER
3/B
An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr .
```


## AFPRL 39000-Research Topics in Africana and Puerto Rican/Latino Studies (W)

## GER

3/A or B
Topics change according to instructor.
Open to Jr/Sr only.
3 hrs
3 cr .
AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies:
Social Science

Pluralism and Diversity
PD/B
GER
3/A or B

Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
3 cr.

## AFPRL 44500 - Caribbean Short Story in Spanish: Readings and Theories

GER
3/A
A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.
prereq or coreq: SPAN 20800
3 hrs
3 cr .

## Anthropology

## ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

## Economics

## ECO 33000-Economic Development

Pluralism and Diversity
PD/A
GER
3/B
Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr .
Geography
History
HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## HIST 34122 - Latin American Political Economy

## GER

3/B
courses at the 300-level and above not open to freshmen
3 hrs
3 cr .
HIST 34139 - African Influences in the Americas

## GER

3/B
Courses at the 300-level and above not open to freshmen
3 hrs
3 cr .

## Music

## MUSHL 24000 - Music of the Caribbean and Latin America (W)

Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.
prereq: ENGL 12000; one of the following:MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr .

## MUSHL 22100 - Black Music in the Americas (W)

## Pluralism and Diversity

PD/B
GER
3/A
The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general. prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
Political Science

## POLSC 25300 - Government and Politics in Latin America (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
POLSC 26200 - Government and Politics in Central America (W)

Pluralism and Diversity
PD/A
GER
3/B
Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 27100 - International Politics in the Americas (W)

Pluralism and Diversity
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000

## 3 hrs

3 cr .
Romance Languages - Spanish

## SPAN 26400 - Contemporary Spanish Literature in Translation

Cela, Lorca, Unamuno, Ortega y Gasset.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
3 cr .

## SPAN 27600 - Readings in Modern Spanish- American Literature

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.
prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr .

## SPAN 33600 - Latin American Civilization

## GER

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
$3 c r$.

## SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr .

## SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

```
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
cr.
SPAN 36400 - Spanish-American Modernism and Post-modernism
GER
3/A
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3cr.
```

SPAN 49100 - Honors Course in Spanish: Special Studies in Contemporary Latin American Literature

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Group meetings, conferences, oral and written reports. prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3 cr .

## Sociology

## SOC 30700-Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .
SOC 32502 - Sociology of Human Rights: Violation and Protection

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .
SOC 32506 - Latin American Societies

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

## SOC 32519 - Economic Development and Social Inequality in Latin America

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .
SOC 36100 - Development and Modernization (W)

```
Pluralism and Diversity
PD/A
GER
3/B
```

Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

## Women and Gender Studies

WGSA 33700 - Caribbean Women Writers (W)

## GER

3/A
A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .
WGS 20005 - Dominican and Haitian Literature and Culture

3 hrs
3 cr .

# Programs and Courses in Mathematics \& Statistics 

## Mathematics and Statistics


#### Abstract

About the Department

The Department of Mathematics and Statistics offers majors in mathematics and statistics that prepare students for careers in business, government, research, and teaching. Students considering such majors should consult an adviser during their first or second semester to plan the proper sequence of courses and should continue to consult the adviser at least once each semester. Minors in mathematics and statistics are also offered.


Credit and Course Exemption The department offers credit or course exemption based on standard examinations such as AP. Inquiries should be made at the department office.

## Mathematics Proficiency and Placement

All students entering Hunter College must demonstrate proficiency in the basic skills through their scores on the mathematics assessment exam. Exemptions are given for SATs, ACT, NY Regents, and for certain other entrance categories. The placement exam further assesses a student's preparedness for certain courses in mathematics, statistics, and other disciplines at the college. Students may enroll in these courses only if their scores on the placement exam are at appropriate levels or if they have taken college courses in the required mathematics. Students who need to place into courses by examination and have not taken the placement exam are advised to schedule the test with the Testing Center, Room 150 Hunter North, 212-772-4868, http://hunter.cuny.edu/testingcenter, well in advance of registration. Students should notice the mathematics and statistics prerequisites that are indicated in the descriptions of courses and majors so they can effectively plan their studies.

## Programs and Courses

In planning their schedules, prospective majors should note that some advanced required courses are offered only once each year and several advanced elective courses are offered only once every other year. A rotation schedule for course offerings is available in the departmental office and on the departmental web site http://math.hunter.cuny.edu.

Prerequisites: Because of the nature of mathematics, the department recommends that students refrain from enrolling in any course that carries prerequisites unless these prerequisites have been completed with a grade of C or better.

Programs and Courses in Mathematics \& Statistics

## Administration and Faculty

## Department Office:

919 East
(212) 772-5300
fax (212) 772-4858

## Web site: http://math.hunter.cuny.edu

## Chair:

## Robert Thompson

919A East
(212) 772-5300

Dolciani Mathematics
Learning Center:
300 North
(212) 772-5371

## Faculty

Mathematics and Statistics Faculty

HEGIS Codes: 1701 (BA; BA/MA in Mathematics, Adolescent Education/Mathematics); 1701/1703 (BA/MA in Mathematics/Statistics and Applied Mathematics); 1702 (BA in Statistics); 1702/1703 (BA/MA in Statistics/Statistics and Applied Mathematics)

## Bachelor of Arts - BA

## Mathematics - BA

return to Mathematics BA Programs

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major

To enter the standard Mathematics Major, the student should have completed the Foundational Courses of one year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent). The major consists of at least 33 credits of coursework: 24 credits of core curriculum courses and at least 9 credits of advanced elective courses chosen by students according to their career plans. Proficiency in symbolic computation is also required.

Major Core Curriculum (24 cr)

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .

## MATH 25000 - Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.

## MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

## MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates. prereq: MATH 25000
3 hrs
3 cr .

## MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications. prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
$4 c r$.

## MATH 31100-Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr .
MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
$3 c r$.
-or-

## STAT 31100 - Probability Theory

## GER

3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems. prereq: MATH 25000.
3 hrs
3 cr .

## Elective Courses

The student must complete three 3-credit approved elective courses. The elective courses must be chosen from the 300or 400 -level courses in mathematics or statistics listed by the department. Factors affecting the choice of courses will include the student's career goals (preparation for graduate study; education; careers in business, government service or industry), the student's other major, where applicable, and the availability of courses due to the course rotation schedule. A 300 -level course may be replaced by a graduate level course approved by a departmental adviser.

## Symbolic Computation Proficiency Requirement

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:
a) passing any of

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000
2 hrs
1 hr .

## MATH 38500 - Numerical Methods I

## GER

3/B
Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr .

## b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

## Mathematics BA Programs

The mathematics major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas. It trains students in the analytic thinking characteristic of pure and applied mathematics and provides familiarity with rigorous methods of mathematical proof. In addition to offering a standard Mathematics Major, described below, the department also offers a number of specialized undergraduate tracks for students interested in pursuing careers in bioinformatics or in preparing for teaching: the concentration in Quantitative Biology, the concentration in Preparation for Adolescent Education (grades 7-12), and the concentration in Preparation for Childhood Education (grades 1-6.)

Students interested in pursuing mathematics at the advanced graduate level are urged to participate in the BA/MA program in Mathematics. The BA/MA program in Preparation for Adolescent Education leads to initial certification in adolescent education (grades 7-12) in mathematics. Certification may also be received by completing the BA degree with a Mathematics Major and then completing the MA in adolescent education in mathematics .

Mathematics Concentration in Preparation for Adolescent Education (Grades 7-12) - BA
Mathematics Major with a Concentration in Quantitative Biology - BA
Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA
Mathematics or Statistics and Applied Mathematics - BA/MA
Mathematics Preparation for Adolescent Education (Grades 7-12) - BA/MA

## Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600 , by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

## MATH 49000 - Honors Seminar

## GER

3/B
prereq: MATH 31100, 35100, departmental permission
3 hrs
3 cr .
-or-

## STAT 48600 - Modeling and Visualization

## GER

3/B
The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors.
prereq: departmental permission
3 hrs
3 cr .

## Minor in Mathematics

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:

- MATH courses numbered MATH 15000 or above


## STAT 31100 - Probability Theory

## GER

3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
$3 c r$.

## STAT 31200 - Stochastic Processes

GER
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr .
Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

# Mathematics Concentration in Preparation for Adolescent Education (Grades 7-12) - BA 

return to Mathematics BA Programs

Provisional certification for teaching mathematics in grades 7-12 may be obtained by:

- Completing the BA with a standard mathematics major, and
- Completing the adolescent education sequence as prescribed by the The School of Education. Students following this concentration in the mathematics major should consult a departmental adviser as to which advanced elective courses are recommended to complete 33 or more credits in the major.


## Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA

return to Mathematics BA Programs
This concentration constitutes a mathematics major for students in the Quality Urban Elementary School Teacher (QUEST) program. QUEST students majoring in mathematics are not exempt from the MATH 10400 (STEM)/MATH 10500 requirement. To enter this major, the student should have completed one semester of calculus (MATH 15000 (STEM) or the equivalent). The specified collateral major is Childhood Education. This mathematics major consists of at least 32 credits of coursework: 20 credits of major core curriculum courses and at least 12 additional credits, as described below.

The student should consult the School of Education for the sequence of teacher education courses in the Childhood Education (QUEST) major.

Major Core Curriculum ( 20 credits)

## MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000

2 hrs
1 hr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .

## MATH 16000 - Matrix Algebra

GER
1/B
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
3 cr .
MATH 25000 - Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .
MATH 26000 - Linear Algebra

GER
3/B

```
Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications. prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.
```


## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr.

## Additional Required Courses (at least 12 credits)

## STAT 21200 - Discrete Probability

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time. prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 22000 - Statistical Analysis in Forensics

## GER

3/B

A second course in probability and statistics and the evaluation of evidence in the forensic sciences.
prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200 or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.
3 hrs
3 cr .

- Two additional courses approved by a departmental adviser


## Mathematics Major with a Concentration in Quantitative Biology - BA

return to Mathematics BA Programs
This program is for students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry.

## Foundational Courses

The requirements for the mathematics major, which also apply to the bioinformatics concentration, are the entry requirements of MATH 15000: Calculus with Analytic Geometry I (4 cr) and MATH 15500: Calculus with Analytic Geometry II ( 4 cr ), the symbolic computation proficiency requirement, which is met by taking STAT 31900, and the following major core curriculum. Students may be except of some of these courses by placement. Please contact the Department for information on exceptions.

## Entry Requirements

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## The Following Courses with B- or better

In order to enroll in the quantitative biology concentration within the mathematics major, students must obtain an average of B - or better in the following courses:

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
$4 c r$.

## CHEM 10500 (STEM) - General Chemistry Laboratory II

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.
```


## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## BIOL 10000 (STEM) - Principles of Biology I

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
```

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only
In addition, no more than one (1) of these four courses may be passed with a grade of C.

## Requirements for the Major

## Symbolic Computation Proficiency Requirement

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:
a) passing any of

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the
symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000
2 hrs
1 hr .

## MATH 38500 - Numerical Methods I

## GER

3/B
Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr .
b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

## Major Core Curriculum

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.

## MATH 25400 - Ordinary Differential Equations

## GER

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .
MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.
prereq: MATH 25000
3 hrs
3 cr .
MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .
MATH 31100-Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr .
MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000

3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 31100 - Probability Theory

## GER

3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

## Additional Required Courses

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B

Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

## CSCI 13200 - Practical UNIX and Programming, with Lab

```
Hunter Core
Scientific World (SW)
GER
2/E
```

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

## CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER <br> 3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair

5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10500 (STEM) - General Chemistry Laboratory II

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .
```


## CHEM 22200-Organic Chemistry Lecture I

```
GER
GER 3/B
```

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only
BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 42500 - Computational Molecular Biology

## GER

3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr .

## Note:

For more information about this concentration, visit: http://www.hunter.cuny.edu/qubi/mathematics-majors

## Statistics - BA

Return to Statistics BA Programs

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students will appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

## Major

To enter the major the student must have completed MATH 15000 (STEM) and MATH 15500 (STEM). Normally, the statistics major consists of 32 credits as follows: 29 credits of core curriculum courses and any additional 3-credit statistics, mathematics, or computer science course approved by the statistics adviser. Modifications are permitted with the consent of the statistics adviser. For example, a student may elect to replace STAT 21200 with a more advanced course. With permission of the adviser, a student may take graduate courses in statistics and applied mathematics. Students interested in bioinformatics take the additional courses listed in the concentration in Quantitative Biology.

## Major Core Curriculum (29 cr)

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B

```
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.
```


## MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .
-or-

## MATH 35400 - Dynamical Systems and Chaos

GER
3/B

Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete onedimensional dynamical systems.
prereq: MATH 25000, 26000
3 hrs
3 cr .

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

STAT 21200 - Discrete Probability

## Hunter Core

Math/Quantitative Reasoning
GER

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time. prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21400 - Data Analysis Using Statistical Software

GER
3/B
Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building prereq: STAT 21300 or MATH 12500 and STAT 11300 with grade of $C$ or better in each course.
3 hrs
3 cr.

## STAT 31100 - Probability Theory

GER
3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems. prereq: MATH 25000.
3 hrs
3 cr .

## STAT 31200 - Stochastic Processes

## GER

3/B
Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
$3 c r$.

## STAT 31300 - Introduction to Mathematical Statistics

## GER

3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.
prereq: STAT 31100
3 hrs
3 cr .

## Actuarial Sequence

A student interested in actuarial work should take the following courses. Students are also encouraged to take courses in accounting, economics and computer science. For information concerning examinations and prizes given to undergraduates by the Society of Actuaries, consult the departmental adviser.

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .
MATH 25000-Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
$4 c r$.

## MATH 26000 - Linear Algebra

## GER

3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

## STAT 31100 - Probability Theory

## GER

3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

## STAT 31300 - Introduction to Mathematical Statistics

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.
prereq: STAT 31100
3 hrs
3 cr .

## Statistics BA Programs

The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Bioinformatics is a rapidly developing area open to students in statistics with a working knowledge of computing and biological sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics and economics. In addition to offering the Statistics Major, the department has a specialized undergraduate track for students interested in pursuing a career in bioinformatics: the concentration in Quantitative Biology. The BA/MA in Statistics and Applied Mathematics offered by the department provides enrichment for undergraduate statistics majors.

Statistics - BA
Statistics Major with a Concentration in Quantitative Biology - BA
Mathematics or Statistics and Applied Mathematics - BA/MA

## Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600, by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

## MATH 49000 - Honors Seminar

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GER
3/B
prereq: MATH 31100, 35100, departmental permission
3 hrs
cr.
```

    -or-
    
## STAT 48600 - Modeling and Visualization

## GER

3/B

The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors.
prereq: departmental permission
3 hrs
3 cr .

## Statistics Minor

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate adviser concerning course selection.

## Statistics Major with a Concentration in Quantitative Biology BA

return to Statistics BA Programs
For students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry.

Students interested in this concentration in the statistics major should consult the adviser. Information at http://www.hunter.cuny.edu/qubi/statistics-majors

For this concentration, the student must complete the entry requirement for the statistics major (MATH 15000 (STEM) and MATH 15500 (STEM)). This major consists of the following core curriculum and additional required courses:

## Major Core Curriculum (30 credits)

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr .
MATH 25000 - Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

## MATH 26000 - Linear Algebra

## GER

3/B
Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
$4 c r$.
MATH 25400 - Ordinary Differential Equations

GER
3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .
or

## MATH 35400 - Dynamical Systems and Chaos

## GER

3/B

Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete onedimensional dynamical systems.
prereq: MATH 25000, 26000

3 hrs
3 cr .

## STAT 21200 - Discrete Probability

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21300 (STEM) - Introduction to Applied Statistics

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr .

## STAT 21400 - Data Analysis Using Statistical Software

## GER

3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building prereq: STAT 21300 or MATH 12500 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr .

## STAT 31100 - Probability Theory

## GER

3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems. prereq: MATH 25000.
3 hrs
3 cr .

STAT 31200 - Stochastic Processes

GER
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr.

## STAT 31300 - Introduction to Mathematical Statistics

GER
3/B
Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr.

## Additional Required Courses (30 credits)

## CSCI 13200 - Practical UNIX and Programming, with Lab

## Hunter Core

Scientific World (SW)
GER
2/E
An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr .

## CSCI 23200 - Relational Databases and SQL Programming, with Lab

## GER

3/B
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr .

## CHEM 10200 (STEM) - General Chemistry I

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
```

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr .

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory.
Credit not given for CHEM }10600\mathrm{ and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3cr.
    (or equivalent)
```


## CHEM 22200-Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $\$ 5$
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr .
spring only

## BIOL 42500 - Computational Molecular Biology

## GER

3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics,
comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

## Bachelor of Arts/Master of Arts - BA/MA

## Mathematics or Statistics and Applied Mathematics - BA/MA

return to Mathematics BA Programs
The BA/MA program offers promising students the opportunity to complete both the bachelor's and master's requirements with a minimum of 120 credits. Requirements are the same as those for a major in the department, plus 30 credits at the graduate level. Interested students should contact the graduate adviser for further information regarding eligibility and curriculum requirements.

Track 1: BA/MA Program in Mathematics
Students complete the BA with a standard Mathematics Major, with 30 additional credits at the graduate level in pure mathematics approved by the departmental graduate adviser.

Track 2: BA/MA Program in Statistics and Applied Mathematics
Students complete the BA with a standard major in statistics or mathematics, with 30 additional credits at the graduate level in applied mathematics, statistics, and computer science, approved by the departmental graduate adviser.

## Mathematics Preparation for Adolescent Education (Grades 7-

12)     - BA/MA
return to Mathematics BA Programs
Students interested in secondary school teaching may pursue a combined BA/MA program in teaching. This program requires a minimum of 141 credits.

## Admission Requirements for the BA/MA in Teaching

- Completion of at least 45 credits with a GPA of 3.0.
- Completion of at least 10 credits in mathematics, including a year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent), with an average of 2.7 in these major courses.
- Admission to the The School of Education.

Degree Requirements for the BA/MA in Teaching
The BA/MA program in the teaching of mathematics includes 47-48 credits in mathematics (in addition to the year of calculus described above) and 27 credits in teacher education courses, some of them taken at the undergraduate level and some at the graduate level. The required mathematics/statistics courses are:

- The 33 credits required for the BA in Mathematics OR the 32 credits required for the BA in Statistics.
- The following 15 graduate credits: MATH 62000, 63000, 63300, 63500, and STAT 61200 *or 61400.
*Although students are required to take either STAT 61200 or STAT 61400, they are encouraged to take both courses.
Also required is passing a comprehensive examination in mathematics consisting of three parts covering the material in MATH 620, 630, and 633. Students may sit for the comprehensive examination only after having taken all three courses. Students who fail any part of the examination need only retake that part of the examination. A student can take any part of the comprehensive exam in mathematics twice; after that, a committee formed by the Mathematics/Statistics Chairperson and consisting of members from the Department of Mathematics and Statistics and the Department of Curriculum and Teaching will decide if the student can take the examination a third and final time.

The student should consult the The School of Education section of the graduate catalog for the sequence of teacher education courses.

## Undergraduate Minor

## Minor in Mathematics

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:

- MATH courses numbered 15000 or above
- STAT 31100
- STAT 31200

Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

## Minor in Statistics

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the Department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate statistics adviser concerning course selection.

## Mathematics and Statistics: Mathematics

## MATH 10000 - Basic Structures of Mathematics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department
prereq: CUNY Math Proficiency

3 hrs
3 cr .

## MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr .

## MATH 10200 - Mathematics and Everyday Life

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.
prereq: CUNY Math Proficiency
3 hours
3 credits

## MATH 10400 (STEM) - Mathematics for Elementary Education I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.
prereq: grade of C or better in MATH 10100 or appropriate score on the placement exam
3 hrs
$3 c r$.

## MATH 10500 - Mathematics for Elementary Education II

## GER

1/B
Continuation of MATH 10400. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity.
prereq: grade of C or better in MATH 10400
3 hrs
$3 c r$.

## MATH 11000 - Topics in the Mathematical Sciences

## GER

1/B

Not open to students who have completed MATH 10500, 16000 or 26000 . Intended for liberal arts or social science students. Applications of topics selected from algebra, analysis, computer science, geometry, probability and statistics. prereq: college-level mathematics or statistics course.
3 hrs
3 cr .

## MATH 11100 - Matrices, Vectors and Linear Programming

## GER

1/B

Not open to students who have completed MATH 16000 or 26000. Recommended for accounting students; not recommended for students majoring in mathematics or statistics. Introduction to matrices and vectors, systems of linear equations and linear programming with applications.
prereq: MATH 10100 or appropriate score on placement exam
3 hrs
3 cr .

## MATH 12500 (STEM) - Precalculus

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam prereq or coreq: MATH 12500
2 hrs
1 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.

## MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.
prereq: MATH 15000
2 hrs
1 hr .

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

## MATH 16000 - Matrix Algebra

## GER

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12500 or appropriate score on placement exam
3 hrs
$3 c r$.

## MATH 25000-Calculus with Analytic Geometry III

## GER

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

## MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .
MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates. prereq: MATH 25000
3 hrs
3 cr.
MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr .

## MATH 27500 - Symbolic Logic

## GER

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed PHILO 27500
prereq: MATH 15600

## 3 hrs

3 cr .

## MATH 29500 - Intermediate Topics in Mathematics

## GER

3/B

May be repeated as topics vary, but not more than twice. Topics to be studied in any given term will be announced prior to registration.
prereq: MATH 15000; additional prereqs depend on specific course offered
3 hrs
3 cr .

## MATH 30100 - Mathematical Methods for the Physical Sciences

## GER

3/B

The solution of linear partial differential equations and boundary value problems. Solution techniques such as separation of variables, Fourier series, Green's functions and Laplace transforms are covered. These are applied to several equations which occur in physical applications such as the heat equation, the Laplace equation and the wave equation. Crosslisted as PHYS 30100.
prereq: MATH 25400
3 hrs
3 cr .
MATH 31100 - Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr .

## MATH 31200 - Abstract Algebra II

## GER

3/B

Elements of Galois theory, construction with ruler and compass, advanced topics in ring theory and linear algebra. prereq: MATH 31100
3 hrs
3 cr .

MATH 31300 - Theory of Numbers

GER
3/B

Congruences, quadratic residues, elementary Diophantine analysis, continued fractions, sums of squares.
prereq: MATH 26000
3 hrs
3 cr .
MATH 33100 - Geometries

GER
3/B

Topics in affine and projective geometry and/or topics in differential geometry.
prereq: MATH 26000
3 hrs
3 cr .

MATH 34000 - Topology

GER
3/B

Metric and topological spaces, continuity, homeomorphisms, compactness, connectedness, homotopy, fundamental group.
prereq: MATH 35100
3 hrs
3 cr .
MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr .

## MATH 35200 - Mathematical Analysis II

GER
3/B

Integration, sequences and series, uniform convergence, differentiation of functions of several variables, inverse and implicit function theorems, formula for change of variables.
prereq: MATH 35100
3 hrs
3 cr .

MATH 35300 - Introduction To Complex Variables

GER
3/B

Complex numbers, analytic functions, elementary functions, contour integrals, Cauchy integral theory, series. prereq: MATH 15600, 25500
3 hrs
3 cr .

## MATH 35400 - Dynamical Systems and Chaos

GER
3/B
Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete onedimensional dynamical systems.
prereq: MATH 25000, 26000
3 hrs
3 cr .

## MATH 37000 - Mathematical Logic

GER
3/B
A survey of the central results and techniques of metalogic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem Theorem and Church's Theorem on undecidability. Crosslisted as PHIL 37500.
prereq: MATH 26000 or permission of the instructor
3 hrs
3 cr .

## MATH 37100 - Fundamental Concepts of Modern Mathematics

GER
3/B
Axiomatic approach to set theory: axiom of choice, Zorn's Lemma, transfinite arithmetic.
prereq: two of the following: MATH 26000, 31100, 35100, 35200
3 hrs
3 cr .

## MATH 37600 - Philosophy of Mathematics (W)

## GER

3/B
Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. Cross-listed as PHIL 37600.
prereq: ENGL 12000; PHIL 10100, MATH 27500
3 hrs
3 cr .

## MATH 38500 - Numerical Methods I

## GER

3/B

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr .

## MATH 39100 - Independent Study in Mathematics

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Independent study and reading under direction of faculty member.
prereq: departmental permission
1 hr
1 cr .

## MATH 39200 - Independent Study in Mathematics

## GER

3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Independent study and reading under direction of faculty member.
prereq: departmental permission
2 hrs
2 cr .

## MATH 39300 - Independent Study in Mathematics

GER
3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Independent study and reading under direction of faculty member. prereq: departmental permission
3 hrs
3 cr.

## MATH 39500 - Advanced Topics in Mathematics

GER
3/B
Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: MATH 25000, 26000; additional prereqs depend on specific course offered

```
3 hrs
3cr.
MATH 45400 - Calculus on Manifolds
GER
3/B
Functions on Euclidean space, implicit function theorem, Fubini's Theorem, integration on chains and manifolds.
prereq: MATH 35200
3 hrs
3cr.
MATH 48500 - Numerical Methods II
GER
3/B
Advanced topics in numerical solutions to partial differential equations, finite element method, von Neumann stability
analysis, finite difference method. Examples from computational fluid dynamics and structural mechanics. Cross-listed
as CSCI 48500 and PHYS 48500.
prereq: MATH 38500 or permission of instructor
3 hrs
3 cr.
```

MATH 49000 - Honors Seminar
GER
3/B
prereq: MATH 31100, 35100, departmental permission
3 hrs
3 cr .

## Mathematics and Statistics: Statistics

STAT 11000 - Selected Topics in Elementary Probability and Statistics as Applied to Popular Science and Current Events

## GER

1/B

Topics to be studied in any given term will be announced prior to registration. This course does not serve as a prerequisite for any other mathematics or statistics course. This course is a topics course that serves as an introduction to selected topics in probability and statistics with applications to the real world.
prereq: CUNY Math Proficiency
3 hrs
3 cr
STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## STAT 21200 - Discrete Probability

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12500 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

## STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12500 or appropriate score on placement exam.
3 hrs
3 cr.

## STAT 21400 - Data Analysis Using Statistical Software

## GER

3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building prereq: STAT 21300 or MATH 12500 and STAT 11300 with grade of $C$ or better in each course.
3 hrs
3 cr.

## STAT 22000 - Statistical Analysis in Forensics

## GER

3/B

A second course in probability and statistics and the evaluation of evidence in the forensic sciences.
prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200
or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.
3 hrs
3 cr .

## STAT 29500 - Intermediate Topics in Statistics

## GER

3/B

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: STAT 21300 or STAT 11300 and MATH 12500; additional prereqs. depend on specific course offered.
3 hrs
3 cr .

## STAT 31100 - Probability Theory

## GER

3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr .

## STAT 31200 - Stochastic Processes

GER
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion. prereq: STAT 31100
3 hrs
3 cr.

## STAT 31300 - Introduction to Mathematical Statistics

GER
3/B
Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables. prereq: STAT 31100
3 hrs
3 cr .

## STAT 31900 - Bayesian Statistical Inference in the Sciences

## GER

3/B

Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are
encouraged.
3 hrs
3 cr

## STAT 35100 - Advanced Biometrics

## GER

3/B
A second course in statistics covering quantitative methods applicable in the life sciences. Topics include experimental design, life table analysis, ethical issues, survival analysis, logistic regression and Cox regression. Linear algebra recommended but not required.
prereq: math at level of MATH 12500, STAT 11300, 21300 or equivalent introductory statistics course
3 hrs
3 cr .

## STAT 39100 - Independent Study

GER
3/B
Open to $\mathrm{Jr} / \mathrm{Sr}$ majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.
prereq: departmental permission
1 hr .
1 cr .

## STAT 39200 - Independent Study

## GER

3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.
prereq: departmental permission
2 hrs .
2 cr .

## STAT 39300 - Independent Study

GER
3/B

Open to $\mathrm{Jr} / \mathrm{Sr}$ Majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.
prereq: departmental permission
3 hrs .
3 cr .

## STAT 39500 - Advanced Topics in Statistics

GER
3/B
Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: STAT 31100; STAT 31200 or 31300; additional prereqs. depend on specific course offered
3 hrs
3 cr .

## STAT 48600 - Modeling and Visualization

## GER

3/B
The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors. prereq: departmental permission
3 hrs
3 cr .

## Programs and Courses in Medical Laboratory Sciences

## Medical Laboratory Sciences

## About the Department

Medical Laboratory Sciences Department Description

## Graduate Programs

Medical Laboratory Sciences: Graduate Program Descriptions

## Programs and Courses

## Administration and Faculty

## Department Office:

## Chair:

Steven Einheber
Brookdale Campus West 700A
(212) 481-4442, 4502
seinhebe@hunter.cuny.edu
www.hunter.cuny.edu/mls

## Faculty

Medical Laboratory Sciences Faculty

## Undergraduate Major

## Medical Laboratory Sciences - BS

Medical Laboratory Sciences-BS<br>Department Chair:<br>Steven Einheber<br>Brookdale Campus West 700A<br>(212) 481-4442, 4502<br>E-mail: seinhebe@hunter.cuny.edu<br>Web site: http://www.hunter.cuny.edu/mls

HEGIS Code: 1223


#### Abstract

Curricula for the Bachelor of Science Degree The Department of Medical Laboratory Sciences (MLS) offers two majors: (1)Medical Laboratory Sciences: Clinical Science BS and 2) Medical Laboratory Sciences: Biomedical Science BS. The Clinical Science major is intended for students pursuing careers in the diagnostic laboratory and meets the requirements for NY State licensure of clinical laboratory technologists. The Biomedical Science major is appropriate for students seeking other careers or graduate education in the biomedical field.


Entry-Level Positions Students completing the MLS degree are prepared for positions in a variety of settings. These include clinical (medical) technologists in diagnostic laboratories in hospitals and commercial environments, and research assistants in medical center and university labs, pharmaceutical and biotechnology companies and public health laboratories. Personnel shortages are severe in several of these areas, and opportunities are predicted to grow. The Monthly Labor Review projects a growth rate of $20.6 \%$ for clinical laboratory positions from 2008 to 2018.

The passage of the Clinical Laboratory Technology Practice Act in 2005 created a transparent professional pathway defining the education, experience and examination to qualify as a clinical technologist in New York
State. http://www.op.nysed.gov/prof/clt/clplaw.htm. The course of study in the Medical Laboratory Sciences: Clinical Science major fulfills the educational and practice components for licensure. It is expected that status as licensed professionals will help to alleviate shortages in the field.

## Further Education

MLS students are encouraged to plan for postbaccalaureate education, and are guided to complete prerequisites. MLS alumni have been successful in medical and dental school, graduate programs in biomedical science (master's and PhD ), management and clinical specialties ( PA , forensic science, etc.) and advanced laboratory diagnostics such as cytotechnology.

## Opportunities for Pre-Professional Experience

Professional Practice Qualified students planning for careers in the diagnostic lab enroll in MLS 41000 to fulfill the practical experience requirement of the clinical technologist license. Students are assigned to hospital, reference or public health labs for summer or semester-long internship experience in an area consistent with their interests.

## Biotechnology BS/MA

Qualified seniors may apply to the BS/MA in Medical Laboratory Sciences with Specialization in Biotechnology.The accelerated BS/MA is a collaboration between MLS and the Department of Biological Sciences. An intensive techniques workshop (BIOL 41000) is taken prior to graduation and upon successful completion, students may continue with professional internship and the MA program, allowing MLS graduates to complete the degree at an accelerated pace.

## Student Research

Qualified students are encouraged to participate in faculty research projects through independent study and honors courses in such areas as innate immune regulation, bacteriophage, microbial pathogenesis, antimicrobials, gastric secretion and cancer, glutamate receptors in neurological diseases and cancer, and myelination in the peripheral and central nervous systems.

## Academic Advising

MLS majors meet each semester with a faculty adviser to review progress and plan the next semester's program. The adviser helps students pace their studies appropriately. Counseling for graduate school, employment and reference support is ongoing for our alumni. A strong professional network exists among MLS alumni.

## Admission Requirements

The requirements for consideration for admission to Medical Laboratory Sciences - BS programs are as follows:
Completion of 60 credits before enrolling in MLS, including: 1 year general chemistry with lab (CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), or equiv) 1 year general biology with lab (BIOL 10000 (STEM), BIOL 10200 (STEM), or equiv) and overall GPA of at least 2.5. Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisers welcome e-mail inquiries anytime. To apply both current
Hunter College students and transfer students must complete a Transfer Application with the CUNY University Application Processing Center. Visit http://www.hunter.cuny.edu/prospectivestudents/ug_students/transfer.shtml and
select On-Line Application from the choices. Be sure to select "Medical Laboratory Sciences" at Hunter College as the choice of curriculum. Use CUNY curriculum code 0344 when applying. Admissions take place on a rolling basis so students should apply as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their Hunter Core Requirement (HCR) Appendix I: Hunter Core Requirement which includes the CUNY Common Core, the Hunter Focus on foreign language and the concurrent Rrequirements before entering the program, but liberal arts classes can be interspersed with major courses.

Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Lab Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Course of Study Candidates for the BS degree complete a total of 120 credits including the Hunter Core Requirement. See requirements for the two undergraduate majors offered in MLS (1)Medical Laboratory Sciences: Clinical Science BS and 2) Medical Laboratory Sciences: Biomedical Science BS.

Scholastic Requirements Student grades are reviewed each semester to determine eligibility for remaining in the program. Each student must maintain an overall GPA of 2.0 for each semester and a grade of C or better in each major course. Major courses must be taken for letter grades except, at the discretion of the chair, for clinic, field or independent study. Departmental permission is required in order to register for courses. Faculty advisers authorize course permissions during the pre-registration and registration periods.

## Medical Laboratory Sciences: Biomedical Science BS

Go to Medical Laboratory Sciences - BS
The Medical Laboratory Sciences (MLS): Biomedical Science major prepares students for careers in biomedical laboratories and other health-related professions. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into the following categories:

1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Biomedical Science major is appropriate for students seeking graduate education in biomedical or health-related fields. This major does not meet the requirements for NY State licensure of clinical laboratory technologists. For the licensure-qualifying program, please see the Medical Laboratory Sciences: Clinical Science BS major.

The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site for more detail.

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## STAT 11300 - Elementary Probability and Statistics

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning

## GER

1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

```
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
```

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 12500 (STEM) - Precalculus

## Hunter Core <br> Math/Quantitative Reasoning <br> GER <br> 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr .

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000 . Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

* these courses are prereqs to CHEM 10200 (STEM).


## Hunter Core Requirement

Several courses leading to (Foundational - see above) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

## Major in Medical Laboratory Sciences: Biomedical Science (120 cr.)

## Allied Courses (22 cr.)

## CHEM 10200 (STEM) - General Chemistry I

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10400 (STEM) - General Chemistry II

```
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
```

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory
sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3cr.
```

CHEM 22200-Organic Chemistry Lecture I

```
GER
GER 3/B
```

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

## CHEM 22300-Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

Med Lab Sciences: Biomedical Science Curriculum (42 cr.)

MLS 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment. MLS 60000 is the graduate component of this course prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv. 3 hrs (2 lec, 1 lab)
3 cr.

## MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
$3 c r$.

## MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.
coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

## MLS 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35200 - Clinical Microbiology II

Continuation of MLS 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLS 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

## MLS 35400-Clinical Biochemistry I: Biomolecules \& Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr .

## MLS 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLS 35400
5 hrs (2 lec, 3 lab)
3.5 cr.

## MLS 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr.

## MLS 45000-Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr .

## MLS 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science. prereq: perm instr.
2 hrs
3 cr .

## MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr .

## COMHE 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .
-or-

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

## SOC 30100 - Medical Sociology

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.
prereq: SOC 10100
3 hrs
3 cr.
-or-

## MLS 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.
Electives (5-6 cr.)

## MLS 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.

## MLS 48001-48003 - Independent Study

prereq or coreq: departmental permission
1-3

MLS 49000 - Honors
prereq: departmental permission
hrs TBA
3 cr .
CHEM 22400-Organic Chemistry Lecture II

GER
GER 3/B

```
prereq: CHEM 22200 with a grade of C or better
```

5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

## CHEM 22500-Organic Chemistry Laboratory II

## GER

3/B

Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam prereq or coreq: ENGL 12000
3 hrs
3 cr .

## Medical Laboratory Sciences: Clinical Science BS

Medical Laboratory Sciences (MLS): Clinical Science is a pre-professional major, preparing students for careers in laboratories devoted to promoting, maintaining and restoring human health. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into
the following categories:

1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses
4. pre-professional practice

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Clinical Science major is intended for, but not limited to, students pursuing careers in the diagnostic laboratory and is designed to meet the requirements for NY State licensure of clinical laboratory technologists.

The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site : http://www.hunter.cuny.edu/mls for more detail.

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## STAT 11300 - Elementary Probability and Statistics

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .

BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

## Pluralism and Diversity

$\mathrm{PD} / \mathrm{C}$ or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D

## GER

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## MATH 12500 (STEM) - Precalculus

## Hunter Core

Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has
passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam prereq or coreq: MATH 12500
2 hrs
1 cr .

* these courses are prereqs to CHEM 10200 (STEM)


## Hunter Core Requirement

Several courses leading to (Foundational - see above) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement.

## Major in Medical Laboratory Sciences: Clinical Science

## Allied Courses (22 cr.)

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair

5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER <br> GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr .

CHEM 22300-Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10500 or CHEM 10600
prereq or coreq: CHEM 22200
4 hrs
2.5 cr .

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

```
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
```

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

## Med Lab Sciences: Clinical Science Curriculum (48 cr.)

## MLS 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr .

## MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr .

## MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology. coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr.

## MLS 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35200 - Clinical Microbiology II

```
Continuation of MLS 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLS 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.
```


## MLS 35400 - Clinical Biochemistry I: Biomolecules \& Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr.

## MLS 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLS 35400
5 hrs (2 lec, 3 lab)
3.5 cr .

## MLS 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr .

## MLS 41000 - Professional Practice

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.
prereq: departmental permission
8 weeks
3 cr .

## MLS 43000 - Immunohematology

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.
prereq: MLS 34900
3 hrs (2 lec, 1 lab)
3 cr .

## MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr .

## MLS 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science. prereq: perm instr.
2 hrs
3 cr .

## MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.

## COMHE 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .
-or-
PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
-or-

## SOC 30100 - Medical Sociology

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.

```
prereq: SOC 10100
```

3 hrs
3 cr .
-or-

## MLS 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.

## Medical Laboratory Science

## MLS 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment. MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr .

## MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr .

## MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology. coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLS 30000
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLS 30000

5 hrs (2 lec, 3 lab)
3 cr .

## MLS 35200 - Clinical Microbiology II

Continuation of MLS 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLS 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr .

## MLS 35400 - Clinical Biochemistry I: Biomolecules \& Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr.

## MLS 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLS 35400
5 hrs (2 lec, 3 lab)
3.5 cr .

## MLS 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr .

## MLS 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.

## MLS 40066 - Topics: Biohazards and Emergency Response

This cross-listed undergraduate/masters class covers the biology of microorganisms and toxins most frequently considered in perpetrated attacks. It also considers technology for detection and control for first responders, lab practitioners and other healthcare professionals, emergency communication, and prevention. In addition to classroom activities, students participate in group projects to simulate bioterrorism events and responses; government regulation, chain of evidence, and related topics are covered.
cross-listed EOHS 77025
3 hours
3 credits

## MLS 40067 - Topics: Medical Technology

A review of various disciplines in clinical laboratory technology with a particular focus on clinical chemistry. Recommended for students intending to take the NYSED licensure exam for clinical laboratory technologists. prereq: MLS 35400 and MLS 35500
3 hrs
$3 c r$.

## MLS 41000 - Professional Practice

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.
prereq: departmental permission
8 weeks
3 cr .

## MLS 43000 - Immunohematology

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.
prereq: MLS 34900
3 hrs (2 lec, 1 lab)
3 cr .

## MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr .

## MLS 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science. prereq: perm instr.
2 hrs
3 cr .

## MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr .

## MLS 48001-48003 - Independent Study

prereq or coreq: departmental permission
1-3
MLS 49000 - Honors
prereq: departmental permission
hrs TBA
3 cr .

## Programs and Courses in Music

## Music

## About the Department

Located in the heart of the intellectually vibrant community of Hunter College, the Music Department offers students the chance to explore musical expression through performance and academic study. Opportunities to learn from some of the best theorists, musicologists and ethnomusicologists in the field exist alongside exciting performance opportunities for every playing and singing ability. Our ensembles include College Choir, Chamber Singers, Opera, A Cappella, Jazz Vocal Workshop, Jazz Ensemble, Jazz and Popular Music Combos, Chamber Music, Ensemble Middle East @ Hunter and the Hunter Symphony. The BA degree can be completed evenings or days. In addition, the department sponsors numerous extracurricular events, including concerts, lectures, and master classes. Private lessons in instruments and voice are provided to all performance majors and many other music majors by a distinguished roster of performance teachers. Financial aid is available to qualified performance majors and other majors who need to study with private teachers not on the staff.

Graduates of the department go on to a variety of careers in music and beyond. Graduates of the BA/MA dual degree program in Music/Music Teacher Education Pre-K-12-BA/MA are qualified to teach in the public elementary and high schools of New York State.

## Graduate Study

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

## Programs and Courses

## Administration and Faculty

## Department Office:

416 North
(212)772-5020
fax: (212)772-5022
Web site: http://www.hunter.cuny.edu/music
E-mail: music@hunter.cuny.edu
Chair:

## Suzanne Farrin

416 North
212 772-5026
sf1357@hunter.cuny.edu

## Faculty

Music Faculty
HEGIS Code: 1004

## Undergraduate Major

## Music - BMus

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Courses

## CUNY Common Core

## Foundational or Major

ENGL 12000 - Expository WritingEnglish Composition (EC)
Foundational

## 60-Credit Major

This degree is designed for students planning to pursue careers as professional performers of music or as teachers of music performance. It provides intensive instruction in the student's instrument or voice; solid training in music history
and theory; and a broad, liberal arts education. Admission to this program is conditional on passing an audition (preferably before the student enters college) demonstrating a high level of skill in performance. Requirements are:

## Music history:

## MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

## MUSHL 20500-Music History I

## Pluralism and Diversity <br> PD/D

For music majors. Survey of the history of music in the European tradition to 1600 .
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

## MUSHL 20600 - Music History II (W)

## Pluralism and Diversity <br> PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800 .
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

## MUSHL 30500 - Music History III (W)

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Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
    and any other 3-credit MUSHL course at the 300-level
```


## Music theory:

## MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

## MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

## MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

## MUSTH 23000-Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr .
offered fall

## MUSTH 23100 - Musicianship II

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Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring
```


## MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music. prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr .
offered fall

## MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr .
offered fall
and any other 3-credit MUSTH course at the 300-level

## Private lessons:

## MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60 -credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr .

## Performance ensembles:

For instrumentalists - 6 credits in instrumental ensembles

Choose 6 credits from the following:

## MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

## MUSPF 24900-Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
2 hrs
1 cr .

## MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .

## MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

## For singers

6 credits in vocal ensembles

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

## MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

## MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times. prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .
for singers, a minimum of 2 credits must be in MUSPF 36900

## Electives:

- 4 credits in music courses above the 100 -level.


## Recital:

- A senior recital, for which no credit is given, is also required.


## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## Music 25-Credit Major (BA)

This degree is designed for students who want to study music in the context of a general liberal arts education, but who do not plan to pursue careers in music. It may also be convenient for students who enter Hunter with a large number of transfer credits in music. Requirements are:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## Music History

## MUSHL 20100 - Introduction to Music Research

```
Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr .
offered fall
```


## MUSHL 20500-Music History I

```
Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall
```


## MUSHL 20600 - Music History II (W)

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Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600
to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3cr.
offered spring
```


## MUSHL 30500 - Music History III (W)

```
Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
```

- and any other 3-credit MUSHL course at the 300-level


## Music Theory

## MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

## MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr .
offered spring

## MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

## MUSTH 23100 - Musicianship II

```
Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2cr.
offered spring
```


## Performance:

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .
MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## Music 42-Credit Major (BA)

This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any aspect of the field. Requirements are:

## Foundational Courses

Foundational Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

| Courses | CUNY Common Core | Foundational or Major |
| :--- | :--- | :--- |
| ENGL 12000 - Expository WritingEnglish Composition (EC) | Foundational |  |

## Music BA-42-Credit Major

## Music history:

## MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr .
offered fall

## MUSHL 20500 - Music History I

```
Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall
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## MUSHL 20600 - Music History II (W)

## Pluralism and Diversity <br> PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800 .
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr .
offered spring

## MUSHL 30500 - Music History III (W)

```
Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3cr.
offered fall
    And any other 3-credit MUSHL course at the 300-level
```


## Music theory:

## MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

## MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.

```
coreq: MUSTH 23000
```

3 hrs
3 cr.
offered fall

## MUSTH 22100 - Music Theory II

```
Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3cr.
offered spring
```


## MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

## MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr .
offered spring

## MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr .
offered fall

## MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
and any other 3-credit MUSTH course at the 300-level

## Performance:

## MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the $\mathrm{BA} / \mathrm{MA}$ music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

## 2 credits in large ensembles

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

## MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr.
2 credits in performance electives

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

## MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

## MUSPF 24900-Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs
1 cr .

## MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .

## MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times. prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

## MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

## MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100

2 hrs
1 cr .

## MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

## Electives:

- 4 credits in music courses above the 100 -level


## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## Music Bachelor's Degrees

Return to: Department of Music

- Music 25-Credit Major (BA)
- Music 42-Credit Major (BA)
- Music - BMus


## Major Programs

The Department of Music offers three undergraduate and two BA/MA major programs to fit individual interests and requirements. Students must take three examinations before declaring a music major:

1. Music notation, rudimentary theory, and basic musicianship skills. This examination is prerequisite to MUSTH 22000 (Music Theory I).

Students who do not pass it must take MUSTH 10100 (Music Theory Fundamentals) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 (Introduction to Music) or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.
Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## Minor in Music

The music minor consists of 15 credits in music:

## MUSTH 10100 - Music Theory Fundamentals

Hunter Core<br>Creative Expression (CE)<br>GER<br>2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .

## MUSHL 10100 - A Thousand Years of Listening

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .
-or-

## MUSHL 10700 - The World of Music

## Hunter Core

Creative Expression (CE)

## Pluralism and Diversity

PD/A
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean. 3 hrs
3 cr .

- one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200 -level or higher.

Prospective minors who have already mastered the material taught in the required 100 -level courses MUSTH 10100 and/or MUSHL 10100 or MUSHL 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see above). Music minors may substitute more advanced courses in any area of music study, including private lessons (subject to availability) and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

## Grading Policies

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

## Honors

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

## MUSTH 49100 - Honors Project

Upper $\mathrm{Jr} / \mathrm{Sr}$ only. Individual project of large scope in music history, theory, composition, or performance. prereq: minimum music GPA of 3.5, perm undergrad adviser
1 sem
$3 c r$.

## MUSTH 49200 - Honors Project

prereq: MUSTH 49100
1 sem
3 cr .

## Graduate Study

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

## Undergraduate Major/Graduate Major

## Music - BA/MA

## 4-Year Dual BA/MA Degree

The department offers unusually gifted students the opportunity to obtain a master's degree in four years with a minimum of 120 credits. Requirements are the same as those for the 42 -credit BA plus those for the MA in music ( 30 credits at the graduate level; see graduate catalog). Students may be admitted to this program only after they have completed at least 60 credits of college work, including at least 29 credits in music (three semesters of music history, four semesters of music theory, and four semesters of musicianship). At least 12 credits (including six in music) must have been taken at Hunter College, and students must have a cumulative GPA of at least 3.5 with no grade of less than $B$ in any music course. At that time, they must fulfill all requirements for entry into the MA program except completion of the BA degree. The graduate adviser must be consulted about the MA requirements.

## Music/Music Teacher Education Pre-K-12 - BA/MA

## Major Programs

The Department of Music offers three undergraduate and two BA/MA major programs to fit individual interests and requirements. Students must take three examinations before declaring a music major:

1. Music notation, rudimentary theory, and basic aural skills. This examination is prerequisite to MUSTH 22000 (Music Theory I).

Students who do not pass it must take MUSTH 10100 (Basic Musicianship) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 A Thousand Years of Listening or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF

40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.
Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

## Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the second year of study in music theory (MUSTH 32000 and MUSTH 32100). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

## 5- to 6-Year Dual BA/MA Degree in Teacher Education

Exceptionally qualified students may obtain a master's degree in teacher education in 5-6 years with a minimum of 140 credits. Requirements are the same as those for the 42 -credit BA plus requirements for the MA degree in music teacher education (see graduate catalog). Students may be admitted to this program only after they have completed at least 60 credits of college work, including at least 29 credits in music (three semesters of music history, four semesters of music theory, and four semesters of musicianship). At least 12 credits (including six in music) must have been taken at Hunter College, and students must have a cumulative GPA of at least 3.5 with no grade of less than B in any music course. They must have passed the Music Department's piano proficiency examination and an audition-interview demonstrating reasonable mastery of an instrument or voice. In addition, they must either have passed the LAST (Liberal Arts and Sciences Test) or fulfilled the following requirements of the School of Education:
a. Completion of developmental courses;
b. Grade of B- or better in ENGL 12000 or a 200- level English course;
c. Application, on-site essay, and interview with the School of Education;
d. Proof of negative result on TB test;
e. Maximum of 6 credits taken with $\mathrm{CR} / \mathrm{NC}$ grades, or else calculation of those grades as $\mathrm{C} / \mathrm{F}$ for computation of grade-point average.
Admission requires the consent of both the Music Department and the School of Education. See the The School of Education section of both the undergraduate and graduate catalogs for more information.

## Minor

For 25 -credit music majors, the minor consists of 12 credits in a field of study leading to a BA degree and approved by the Music Department adviser. Double-majors and students in other music major programs are exempt from the minor requirement. Minor courses can be used without limit to satisfy stages 1,2 , and 3 of the GER.

## Minor for non-Majors

For students minoring in music, the requirements are determined by the student's major department. See your major adviser. The Music Department recommends the following courses. Because 300 -level courses are intended primarily for music majors and have extensive prerequisites, students whose major departments require a 300 -level course in the minor may, with permission of their adviser, substitute a 200 -level course in the music minor.

## MUSTH 10100 - Music Theory Fundamentals

## Hunter Core

Creative Expression (CE)

## GER

2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .
or

## MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

## MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

## MUSHL 10100-A Thousand Years of Listening

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D
For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
$3 c r$.

## MUSHL 10700 - The World of Music

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
3 hrs
3 cr .

- One course with an MU-H prefix at the 200-level
- 1-3 credits of music electives


## Grading Policy

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

## Honors

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

## MUSTH 49100 - Honors Project

Upper $\mathrm{Jr} / \mathrm{Sr}$ only. Individual project of large scope in music history, theory, composition, or performance.
prereq: minimum music GPA of 3.5 , perm undergrad adviser
1 sem
3 cr .

## MUSTH 49200 - Honors Project

prereq: MUSTH 49100
1 sem
3 cr .

## Undergraduate Minor

## Minor in Music

The music minor consists of 15 credits in music:MUSTH 10100; MUSHL 10100 or MUSHL 10700; one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200 -level or higher. Prospective minors who have already mastered the material taught in the required 100-level courses (MUSTH 10100 and/or MUSHL 10100 or 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see Music 25-Credit Major (BA)). Music minors must substitute more advanced courses in any area of music study, which may include private lessons and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

## Music: Introductory Courses

## MUSHL 10100 - A Thousand Years of Listening

## Hunter Core <br> Creative Expression (CE) <br> Pluralism and Diversity <br> PD/D <br> GER <br> 2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr .

## MUSHL 10700 - The World of Music

## Hunter Core

Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
3 hrs
3 cr .

## MUSTH 10100 - Music Theory Fundamentals

```
Hunter Core
Creative Expression (CE)
GER
2/D
```

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr .

## Music: History and Literature of Music

## MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr .
offered fall

## MUSHL 20500 - Music History I

```
Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL }2010
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3cr.
offered fall
```


## MUSHL 20600 - Music History II (W)

```
Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600
to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3cr.
offered spring
```


## MUSHL 21000 - Music for the Piano (W)

```
Pluralism and Diversity
GER 3/A PD/D
Piano literature from the 18th century to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20000, MUSTH 10100, or perm instr.
3 hrs
3cr.
```

MUSHL 21200 - Masterpieces of Opera (W)
Pluralism and Diversity
PD/D
GER
3/A
Study of operatic styles of such composers as Mozart, Verdi, and Wagner.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

MUSHL 21700 - History of Jazz (W)

Pluralism and Diversity
PD/B
GER
3/A

Survey of jazz from its origins to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 22000 - History of Rock

An introduction to rock music from the 1950s to the present, examined from musical and cultural perspectives.
prereq: ENGL 12000 and MUSHL 10100 or MUSHL 10700 or MUSHL 20500 or
MUSTH 10100
3 hrs
3 cr .
MUSHL 22100 - Black Music in the Americas (W)

Pluralism and Diversity
PD/B
GER
3/A
The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general. prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 22700 - Master Composers (W)

GER
3/A
Study of works of single composer. Topics to be announced. May be taken 6 times.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

MUSHL 23100 - Folk and Traditional Music (W)

GER
3/A
Study of ethnic music of selected cultures.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .
MUSHL 24000 - Music of the Caribbean and Latin America (W)

## Pluralism and Diversity

GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.
prereq: ENGL 12000; one of the following:MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr .

## MUSHL 24100 - Music of Asia (W)

## Pluralism and Diversity

PD/A
GER
3/A
Music and its relationship to dance and drama in the major civilizations of East Asia, Southeast Asia, South Asia, Central Asia, and the Middle East.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
3 hrs
3 cr

## MUSHL 24500 - Music of Africa (W)

## Pluralism and Diversity

PD/A
GER
3/A
Introduction to traditional and popular African music and performance practices. Theoretical and methodological issues as defined by ethnomusicology.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 25000 - Women and Music (W)

## Pluralism and Diversity

PD/C
GER
3/A
An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed WGSA 25000 (W)
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000, or perm. Instr. 3 hrs
3 cr .

## MUSHL 25200 - Film Music (W)

## GER

3/A

Introduction to the history, aesthetic, form and techniques of film music, for everyone interested in film or film music, from the casual viewer of television movies and videotapes to film and music majors.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 26100 - Special Topics in History and Literature of Music (W)

```
Pluralism and Diversity
PD/A or B or C
GER
3/A
```

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times.
Depending on topic, may satisfy PD.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 26200 - Special Topics in Music (W)

A study of a musical topic outside the traditional classifications of music history, theory, and performance. Topics to be announced.
prereq: ENGL 12000; MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr .

## MUSHL 30500 - Music History III (W)

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall

## MUSHL 30600 - Music History IV (W)

Pluralism and Diversity
PD/D

Central issues in the history of European music, such as the role of patronage in musical culture, relationships of musical style to instruments and performing ensembles, and the impact of historical consciousness on contemporary musical life.
prereq: MUSHL 30500
3 hrs
3 cr.
offered spring

## MUSHL 35200 - Introduction to Ethnomusicology I (W)

Pluralism and Diversity
PD/A
Survey of musical traditions of sub-Saharan Africa, Europe, and the Americas.
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
3 cr .

## MUSHL 35300 - Introduction to Ethnomusicology II (W)

```
Pluralism and Diversity
PD/A
Survey of musical traditions of North Africa, the Middle East, Oceania, and South and East Asia.
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
3cr.
```

MUSHL 36100 - Special Topics in History and Literature of Music (W)

Specialized study of selected genre, locality, period, style, composer, or problem. Topics to be announced. May be taken 6 times.
prereq: ENGL 12000, variable music courses
3 hrs
3 cr .

## MUSHL 49800 - Music Internship

Internship in various arts institutions in New York City.
prereq: perm dept.
1-6 cr.

## Music Performance

## MUSPF 12100 - Elementary Guitar I

For non majors. Class lessons in guitar: basic techniques, tuning, reading chord charts, playing and transposing songs, and learning chords, strums, and finger-pickings. Students must supply their own instruments.
prereq: MUSTH 10100 or perm dept.
2 hrs
1 cr .

## MUSPF 12200 - Elementary Guitar II

prereq: MUSPF 12100
2 hrs
1 cr .

## MUSPF 13100 - Elementary Piano I

For non majors. Class lessons in piano: basic techniques, playing simple pieces.
prereq: MUSTH 10100 or perm dept.
2 hrs
1 cr .

## MUSPF 21100 - Voice I

Fundamentals of breath control, tone production, articulation, interpretation, and style. Vocalizes, songs, and arias. prereq: declared music major or perm dept.
2 hrs
1 cr .

## MUSPF 21200 - Voice II

Continuation of MUSPF 21100.
prereq: MUSPF 21100 or perm dept.
2 hrs
1 cr .

## MUSPF 21300 - Piano I

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.
prereq: declared music major or perm dept.
2 hrs
1 cr .

## MUSPF 21400-Piano II

Continuation of MUSPF 21300.
prereq: MUSPF 21300 or perm dept.
2 hrs
1 cr .

## MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr .

MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.
prereq: audition, perm instr.
3 hrs
1 cr .

## MUSPF 24900 - Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
2 hrs
1 cr .

## MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R \& B, Country/Bluegrass, and Jazz. May be taken 6 times.
prereq or coreq: audition, dept. permission required
2 hrs
1 cr .

## MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr .

## MUSPF 34900 - Conducting I

Principles of choral and orchestral conducting: technique of the baton, interpretation, repertoire, and score reading.
prereq: MUSTH 33100 or perm instr.
coreq: audit MUSPF 22100 or 23100
3 hrs
2 cr .

## MUSPF 35000 - Conducting II

Continuation of MUSPF 34900.
prereq: MUSPF 34900 and MUSTH 33100 or perm instr.
coreq: audit MUSPF 22100 or 23100
3 hrs
2 cr .

## MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr .

## MUSPF 36100 - Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced. May be taken 4 times.
prereq: perm dept.
1 cr .

## MUSPF 36200 - Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced.
May be taken 4 times.
prereq: perm dept.
2 cr.

## MUSPF 36300 - Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced.
May be taken 4 times.
prereq: perm dept.
3 cr .

## MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

## MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100
2 hrs
1 cr .

## MUSPF 37000-Opera Performance

Preparation and performance of a fully staged opera. May be taken four times for credit.
prereq: Dept, permission required.
3 hrs
3 cr .

## MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42 -credit BA music major, the 25 -credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr.

## MUSPF 40200 - Individual Instruction in Second Instrument or Voice

Individual instruction in second instrument or voice. Limited to the 42-credit BA music major, 25 -credit BA music major, 60 -credit BMus major, BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
1 cr .

## MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60 -credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr.

## Music Theory

## MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

## MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

## MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

## MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.
offered spring

## MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr.
offered fall

## MUSTH 32100 - Music Theory IV

Continuation of MUSTH 32000.
prereq: MUSTH 32000
3 hrs
3 cr .

## MUSTH 33000 - Musicianship III

```
Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
```


## MUSTH 33100 - Musicianship IV

Continuation of MUSTH 33000.
prereq: MUSTH 33000
coreq: MUSTH 32100
3 hrs
2 cr .
offered spring

## MUSTH 33300 - Composition I

Practical study of music composition; traditional pitch materials; motivic materials; formal schemes. Students will write several short compositions and perform them in class.
prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr .

## MUSTH 33400 - Composition II

Practical study of music composition. New pitch materials; composing for solo instruments; using contrast to build form. Students will write several short compositions and perform them in class.
May be taken before Composition I.
prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr .

## MUSTH 33500-Orchestration

Capabilities and limitations of the orchestral instruments; practice in scoring for small and large groups; instrument demonstrations and reading session.
prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr .

## MUSTH 35100 - Computer Music

Making music with computers using technologies such as MIDI sequencing, hardware synthesis, and digital audio. Promises and limitations of these tools.
prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr .

## MUSTH 36100-Special Topics in Music Theory

Study of selected issues in music theory and analysis. Topics to be announced. May be taken two times.
prereq: variable
3 hrs
3 cr .

## MUSTH 37000 - Jazz Harmony and Arranging

Study of jazz harmony and rhythm, jazz composition, and jazz arranging.

```
prereq: MUSTH 20100, 22100 and 23100 or perm dept.
```

3 hrs
3 cr

## MUSTH 37100 - Jazz Improvisation

Study and performance of jazz improvisational techniques.
prereq: MUSTH 37000 or perm dept.
3 hrs
$3 c r$

## MUSTH 38500 - Private Lessons in Composition

Intensive study of music composition for advanced students. May be taken four times.
prereq: MUSTH 33300, 33400, perm dept.
3 hrs
3 cr .

## MUSTH 49100 - Honors Project

Upper $\mathrm{Jr} / \mathrm{Sr}$ only. Individual project of large scope in music history, theory, composition, or performance.
prereq: minimum music GPA of 3.5 , perm undergrad adviser
1 sem
3 cr .
MUSTH 49200 - Honors Project
prereq: MUSTH 49100
1 sem
3 cr .

## Music: Individual Study

## MUSIN 20101 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is
conditional on approval of the proposal by the committee.
1 cr .

## MUSIN 20102 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

$$
2 \mathrm{cr} .
$$

## MUSIN 20103 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
3 cr.

## MUSIN 30101 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
1 cr .

## MUSIN 30102 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
2 cr.

## MUSIN 30103 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
3 cr.

## MUSIN 40101 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
1 cr .

## MUSIN 40102 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
2 cr. per sem.

## MUSIN 40103 - Individual Study Project

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.
3 cr.

## Programs and Courses in Philosophy

## Philosophy


#### Abstract

About the Department

Philosophy studies the most fundamental questions that human beings ask - about individual and social action, the possibility and limits of knowledge, the truth and justification of beliefs, human nature and freedom, the existence of God and the operations of nature. Philosophy approaches these questions in a systematic way and philosophers have worked out more or less comprehensive theories to answer them (or show why they cannot be answered). The courses offered by the Philosophy Department are designed to introduce students to the main problems that philosophers study and to the main ideas of such profound and influential thinkers as Socrates, Plato, Aristotle, Augustine, Aquinas, Descartes, Hume and Kant.

Philosophy is one of the most important subjects a student can study because it develops the ability to reason clearly and critically, to write thoughtfully, to use intelligence and logic to deal with problems all too often ruled by emotion and prejudice. Philosophy also helps one develop intellectual flexibility and learn to appreciate ideas and beliefs other than those of one's own time, place, class or group. Since it develops these intellectual abilities and habits, the study of philosophy, either in individual courses or as a major or minor, is excellent preparation for any profession or occupation.

Students of philosophy pursue careers in law, business, medicine, government and the arts. Some go on to study philosophy at the graduate level with the aim either of teaching philosophy or of obtaining an advanced degree to further their career objectives.


## Course Listings

The department especially encourages students majoring in or interested in philosophy, both with fewer than 6 credits toward the major in philosophy, to consult with a departmental adviser about courses and their prerequisites at this stage of their academic stay at Hunter.

## Programs and Courses

Programs and Courses in Philosophy

# Administration and Faculty 

## Department Office:

1444 West
(212) 772-4970
philo@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/philosophy

Chair:

Omar Dahbour
1446 West
(212) 772-4412
odahbour@hunter.cuny.edu

Faculty

Philosophy Faculty

HEGIS Code: 1509

## Undergraduate Major

## Philosophy - BA

Major

The Philosophy Department offers two concentrations: 1) the Standard concentration and 2) the concentration in Philosophy, Politics and Society (PPS).

## Standard Concentration

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

One of the following:

## PHILO 10100 - Introduction to Philosophy

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3cr.
offered each semester
```


## PHILO 10300 - Introduction to Logic and Critical Thinking

## GER

2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr.
offered each semester

## PHILO 10400 - Introduction to Ethics

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
```

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

## PHILO 10600 - Philosophy, Politics and Society

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester
```

Macaulay Honors students may take the following:

## PHILO 20400 - Great Philosophers

Hunter Core<br>Individual and Society (Humanities) -I\&S H<br>Pluralism and Diversity<br>PD/D<br>GER<br>2/C

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

## Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

## The Standard Concentration

consists of 30 credits distributed as follows:

## 1. Logic (3 cr.)

## PHILO 17000 - Introduction to Logic and Scientific Method

## Hunter Core

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr .
-or-

## PHILO 27500 - Symbolic Logic

## GER

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .
2. History of Philosophy (9 cr.)

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.
PHILO 21800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
3. Ethics, Politics and Aesthetics (3 cr.)
any course from
PHILO 24400 - Moral Philosophy (W)

## GER

3/A

Study of selected problems in philosophical ethics and moral psychology. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 24600 - Political Philosophy (W)

## GER

3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 25800 - Aesthetics (W)

## GER

3/A

Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
4. Metaphysics and Epistemology (3 cr.)
any course from

## PHILO 36000 - Metaphysics (W)

## GER

3/A

Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

PHILO 36200 - Theory of Knowledge (W)

GER
3/A

Study of origin, structure, methods and foundations of human knowledge. prereq: Two courses in philosophy, at least one of which is at the 200 level. 3 hrs

3 cr .

PHILO 36400 - Philosophy of Language (W)

GER
3/A

Inquiry into the philosophical significance of language, its structure, meaning, reference and use.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 36600 - Philosophy of Mind (W)

## GER

3/A

Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 37800 - Philosophy of Biology (W)

Philosophical problems of biology, including evolutionary biology, molecular biology and genetics, and neuroscience. prereq: ENGL 12000 and 2 courses in philosophy, at least one at the 200-level
3 hrs
$3 c r$.

## PHILO 37900 - Philosophy of Science (W)

GER
3/B
Study of foundations of knowledge in natural and social sciences. prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

## 5. Intensive Study of a Major Philosopher (3 cr.)

any course from those offered under PHILO 38000 Major Figures in Philosophy (W)

## 6. Additional Credits (9 cr.)

- Chosen in consultation with an adviser. Students are required to select at least one course ( 3 cr .) at the $300-$ level. Also they are encouraged to select courses that acquaint them with philosophic traditions other than the dominant Western ones.


## Concentration in Philosophy, Politics and Society

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## PHILO 10600 - Philosophy, Politics and Society

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3cr.
offered each semester
```

    Macaulay Honors students may take the following:
    PHILO 20400 - Great Philosophers
Hunter Core
Individual and Society (Humanities) -I\&S H
Pluralism and Diversity
PD/D
GER
2/C

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

## Hunter Core Requirement

Courses foundational to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

The concentration in Philosophy, Politics and Society
consists of 30 credits distributed as follows:
History of Philosophy ( 9 cr .)
PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
Political Philosophy (3 cr.)

## PHILO 24600 - Political Philosophy (W)

GER
3/B
Study of selected philosophical problems in politics, law, economics and society. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
Social Philosophy ( 3 cr .)
PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
-or-

## PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

Intensive Study of a major philosopher, preferably concerning their political and/or social ideas (3 cr.)
offered under PHILO 38000 Major Figures in Philosophy (W)
Study of Recent Issues in Political and Social Philosophy ( 3 cr .)
PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

Electives (9 cr.)
chosen from 200- and 300-level PHIL courses (excluding PHILO 20400, but including PHILO 17000 ); 6 credits of this requirement may be taken from the nondepartmental courses listed below. It is also recommended that 3 credits be taken on philosophical approaches to class, race, or gender; the following philosophy courses satisfy this recommendation: PHILO 31900 - Marxist and Critical Theory (W) , PHILO 22600 - African-American Philosophy (W) , or PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

Nondepartmental courses to satisfy elective requirement

## AFPRL 40100 - Pan-Africanism

GER
3/B

Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.
prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr .

## AFPRL 40200 - African American Political Thought

## GER

3/B

Comparative theorists; methods and ideological currents.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr .

## HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)

GER
3/B
The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements.
Courses at the 300 -level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

## HIST 33200 - Modern Culture from the 18th to the 20th Centuries

## GER

3/B
From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science.
European political and social thought.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr .

## POLSC 20100 - Ancient to Early Modern Political Thought (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.

## POLSC 20200 - Modern Political Thought (1600-1900) (W)

```
Pluralism and Diversity
PD/D
GER
3/B
```

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.

## POLSC 20300 - Political Thought Since 1900 (W)

Pluralism and Diversity
PD/D
GER
3/B

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 20400 - Contemporary Issues in Political Theory

GER
3/B

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority. POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
$3 c r$.
POLSC 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B
Examines history of political thought from the perspective of gender relations and the treatment of women. cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

GER
3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr.

## POLSC 30300 - Democracy and Emergency (W)

GER
3/B
This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000
4
4

## POLSC 30400 - Contemporary Issues in Political Theory

GER
3/B
Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr.

## POLSC 30500 - Democratic Theory (W)

## GER

3/B
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## POLSC 30700 - Theory of Revolution

## GER

3/B
Traditional and modern revolutions. Conditions and objectives of socialist and communist revolutions. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

## POLSC 30900 - Feminist Political Theory (W)

## Pluralism and Diversity <br> PD/C <br> GER <br> 3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## POLSC 31100 - Utopian Theory (W)

## GER

3/B
Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.
3 hrs
3 cr.

## POLSC 31600 - Political Theory of Human Rights (W)

## GER

3/B
A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice. prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
$3 c r$.

## PUPOL 40000 - Capstone Seminar

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.
3 hours
3 credits

## SOC 22100 - Classical Sociological Theory

```
Pluralism and Diversity
PD/D
GER
3/B
```

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 22300 - Current Sociological Theory

## GER

3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .
Elective courses recommended for students with particular interests

Elective credits should be carefully chosen to focus students' programs on their present interests and future needs. The following courses are recommended for students with particular interests.

Graduate study in philosophy

## PHILO 27500 - Symbolic Logic

GER
3/B
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
Admission to law school

## PHILO 27500 - Symbolic Logic

## GER

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

PHILO 24400 - Moral Philosophy (W)

## GER

3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

Careers in public administration

## PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
Careers in foreign service
PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
An additional course relating philosophy to international relations
Careers in social welfare

## PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B
Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## SOC 22100-Classical Sociological Theory

```
Pluralism and Diversity
PD/D
GER
3/B
```

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr .

## SOC 22300-Current Sociological Theory

## GER

3/B
Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .

Note:

Certain new, ad hoc, or independent study courses may be taken in partial satisfaction of requirements listed above, if they are approved by the Philosophy, Politics and Society major concentration adviser.

## Major Adviser

The Philosophy Department offers extensive advising services to majors, including: guidance for course selection and sequencing and devising a course of study; tracking progress and compliance with college, CUNY, and state regulations; career advice; planning for graduate and professional school applications; and information about special opportunities for philosophy students. Minors may also make use of these services.

## Mentoring

Philosophy majors are encouraged to establish a relationship with a faculty mentor of their choice. This relationship can be distinct from the departmental advising relationship.

## Honors

To be eligible for graduation with departmental honors in philosophy, a major must have at least a 3.50 GPA in philosophy, at least a 3.0 overall GPA. The student must register for the 3 - or 6 -credit PHILO 49400, which is taken in addition to and is not part of the 30 credits for the major. The student must write a substantial paper under the direction of a full-time faculty member. To receive departmental honors the completed paper must be submitted to a threemember committee who will judge whether it merits departmental honors. This committee will consist of the director of the student's Honors Tutorial and two other full-time philosophy faculty members appointed by the director.

## PHILO 49400 - Honors Tutorial in Philosophy

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion is one requirement for departmental honors at graduation.
prereq: 3.0 cum GPA and 3.50 major GPA; philosophy majors only, minor with perm instr; two 300-level PHIL courses, one of which may be taken concurrently; perm dept.
3 or 6 cr.

## Independent Study

Students may engage in independent study under the supervision of a member of the Philosophy department by receiving permission to take the following.

## PHILO 49200 - Independent Study in Philosophy

Independent study of philosophical works under faculty supervision. prereq: one PHILO course at 300-level, perm instr. (see Program Prerequisites) 1-6 cr.

## Minors in Philosophy

## Minors in Philosophy

## Undergraduate Minor

## Minor in Philosophy (the Standard concentration)

Prerequisite to the minor: one of 4 introductory philosophy courses

Chose one:

## PHILO 10100 - Introduction to Philosophy

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3cr.
offered each semester
```


## PHILO 10400 - Introduction to Ethics

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
```

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr .
offered each semester
PHILO 10600 - Philosophy, Politics and Society
Hunter Core
Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

PHILO 20400-Great Philosophers

## Hunter Core

Individual and Society (Humanities) -I\&S H

```
Pluralism and Diversity
PD/D
GER
2/C
```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr.
and

## ENGL 12000 - Expository Writing

## Hunter Core

English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

## The Philosophy Minor

The philosophy minor requires 12 credits at the 200 -level and above with no fewer than 3 credits at the 300 -level. Exceptions: PHILO 17000 may count toward the minor at the 200 -level and PHILO 20400 shall not count.

## Minimum gpa for the minor

A student must pass a minor in philosophy with a minimum GPA of 3.00.

## Note:

Students should always consult with a philosophy department adviser when constructing their minor. Some suggested tracks may be found on the philosophy department website http://www.hunter.cuny.edu/philosophy.

## Minor in Philosophy, Politics and Society (PPS)

A student must take, as a prerequisite to the minor, PHILO 10600 . This course does not count toward the PPS minor.

The PPS minor consists in taking 4 courses or 12 credits from the philosophy courses listed in the PPS major, at least one of which must be at the 300 -level. Non-philosophy courses counting toward the PPS major concentration may not count toward the PPS minor.

A student must pass the PPS minor with a minimum GPA of 3.00.

Note: When constructing a minor in the PPS concentration, a student should always consult with a philosophy department advisor beforehand.

## Minor in Political Theory

The Political Theory Minor provides a concentration of study for students interested in political, social, and legal philosophy or thought, often related to public discourses, practices, and laws. It recognizes the interdisciplinary character of political theory, which operates at the intersection of the humanities and social sciences. It focuses on critical issues of ethics and power in history and the present, along with major authors in the traditions of political philosophy and thought.

The minor program consists of at least 15 credits taken from the courses listed below, or others as approved by the minor program advisor. Students must take at least 6 credits in philosophy and 6 credits in political science, including PHILO 10600 (or another 100-level PHILO course, with permission of the Advisor) and POLSC 20000. At least 3 credits must be taken at the 300 -level, and one course must be taken from each of the three Minor categories (listed below). No more than six credits that count towards the student's major may be used to fulfill this Minor.

## 1. Required Courses

## PHILO 10600 - Philosophy, Politics and Society

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

## POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

## Hunter Core

Individual and Society (Social Sciences) -I\&S SS
GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .
2. Current Courses That Count Towards the Political Theory Minor

Minor courses are to be selected from the following list of regularly taught courses or special topics courses in Philosophy or Political Science that pertain to the Minor but are irregularly taught (those interested in the latter should check with the advisor to verify that they may count toward the minor). In addition, one course, with significant theoretical content, offered in, e.g., Anthropology, Classics, Geography, History, Religion, or Sociology, may count toward the Minor, upon approval of the Political Theory Adviser.

## History of Political Philosophy and Thought

One Course on figures in, or periods of, political theory, eg., courses in the PHILO 38000 Major Figures in Philosophy (W) topic series:

## PHILO 38010 - Plato (W)

## GER

3A

Intensive study of the works and legacy of Plato.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-

## PHILO 38011 - Aristotle (W)

## GER

3A

Intensive study of the works and legacy of Aristotle.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-
PHILO 38070 - Hegel (W)

## GER

3A

Intensive study of the works of Hegel.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
$3 c r$.
-or-
PHILO 38076 - Marx (W)

GER
3A

Intensive study of the works and legacy of Marx (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level
3 hrs
3 cr .
-or-

## PHILO 38086 - Foucault (W)

## GER

3A

Intensive study of the works and legacy of Foucault.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
-or-

## POLSC 20100 - Ancient to Early Modern Political Thought (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

## POLSC 20200 - Modern Political Thought (1600-1900) (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
-or-

POLSC 20300 - Political Thought Since 1900 (W)

Pluralism and Diversity
PD/D
GER
3/B

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
-or-

## POLSC 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

Examines history of political thought from the perspective of gender relations and the treatment of women.
cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

## POLSC 30100-American Political Thought (W)

## GER

3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr.
Note: For more information on the topic series course click here: PHILO 38000 Major Figures in Philosophy (W)

## Basic Concepts and Themes

One course on theoretical or conceptual tendencies in political theory

## PHILO 22600 - African-American Philosophy (W)

## Pluralism and Diversity

PD/B
GER
3/A
Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
-Or-

## PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications. cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.
```

-or-

## PHILO 24600 - Political Philosophy (W)

## GER

3/B
Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

## PHILO 24800 - International Ethics (W)

## GER

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
-or-

## PHILO 25500 - Environmental Philosophy (W)

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

```
prereq: ENGL 12000 and one course in Philosophy
3 hrs
cr.
```

-or-

PHILO 31900 - Marxist and Critical Theory (W)

## Pluralism and Diversity

PD/D
GER
3/A

Study of $20^{\text {th }}$ century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr.
-or-

## PHILO 34600 - Contemporary Theories of Justice (W)

## GER

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
$3 c r$
-or-

## PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
$3 c r$.
-or-

## PHILO 39400 - Philosophical Problems

GER
3/A
Study of one or more major philosophical problems. prereq: variable (see Program Prerequisites)
3 hrs
3 cr .
-or-

## POLSC 30200-Critical Theory and Politics (W)

GER
3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation. prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor. 4 hrs
4 cr.
-or-

## POLSC 30500 - Democratic Theory (W)

GER
3/B
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
-or-

## POLSC 30900 - Feminist Political Theory (W)

## Pluralism and Diversity

PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
-or-

## POLSC 31600 - Political Theory of Human Rights (W)

## GER

3/B
A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## Theoretical Dimensions of Contemporary Controversies

One course on problems or issues in political theory
PHILO 20080 -or-

## PHILO 22600 - African-American Philosophy (W)

```
Pluralism and Diversity
PD/B
GER
3/A
Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
```

-or-
PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.
```

-or-

## PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
-or-

PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr .
-or-

## PHILO 25500 - Environmental Philosophy (W)

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.
prereq: ENGL 12000 and one course in Philosophy
3 hrs
3 cr.
-or-

## PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B
A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr
-or-

## PHILO 34800 - Philosophy of Human Rights (W)

```
A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr .
```

-or-

## PHILO 39400 - Philosophical Problems

## GER

3/A
Study of one or more major philosophical problems. prereq: variable (see Program Prerequisites)
3 hrs
$3 c r$.
-or-

## POLSC 20400 - Contemporary Issues in Political Theory

GER
3/B

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority.
POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
-or-

## POLSC 30300 - Democracy and Emergency (W)

GER
3/B
This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000
4
4
-or-

## POLSC 30400 - Contemporary Issues in Political Theory

GER
3/B

Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr .
-or-

## POLSC 30500 - Democratic Theory (W)

GER
3/B
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
-or-

## POLSC 30900 - Feminist Political Theory (W)

## Pluralism and Diversity

PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .
-or-

## POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B
A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice. prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

## Minors in Philosophy

Students may declare an optional minor in Philosophy (the Standard concentration) or a minor in the Philosophy, Politics, Society (PPS) concentration. In either case a minor in Philosophy is comprised of 12 credits at the 200-level or above, including no fewer than 3 credits at the 300 -level. Exceptions: PHILO 17000 may count toward the minor at the 200-level and PHILO 20400 shall not count. PHILO 20400 is excluded from counting toward the minor, because it is an, albeit advanced, introductory course. A student must pass a minor in philosophy with a minimum GPA of 3.00.

When constructing a philosophy minor in either the standard or the PPS concentration, a student should always consult with a philosophy department advisor beforehand.

A third minor, Political Theory, is offered jointly between the Philosophy and Political Science departments. This minor consists of 15 credits. All three minors are described below:

- Standard Philosophy Minor
- Minor in Philosophy, Politics and Society (PPS)
- Minor in Political Theory


## Standard Philosophy Minor

Students should follow their interests in choosing the courses taken to satisfy the minor. Usually this will involve choosing courses related to the student's major. Ideally the minor will allow the student to study the philosophical issues associated with a field or period of history in increasing depth.

## Prerequisite to the minor:

## PHILO 10100 - Introduction to Philosophy

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester
```


## PHILO 10300 - Introduction to Logic and Critical Thinking

GER
2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr.
offered each semester
PHILO 10400 - Introduction to Ethics

Hunter Core
Individual and Society (Humanities) -I\&S H
GER
2/C

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester
PHILO 10600 - Philosophy, Politics and Society

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
cr.
offered each semester
```


## PHILO 20400 - Great Philosophers

## Hunter Core

Individual and Society (Humanities) -I\&S H
Pluralism and Diversity

PD/D
GER
2/C

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr .

## ENGL 12000 - Expository Writing

## Hunter Core

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .

## Some suggested tracks are listed below:

## Logic and Mathematics

## PHILO 17000 - Introduction to Logic and Scientific Method


#### Abstract

Hunter Core Scientific World An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science. 3 hrs . 3 cr .


PHILO 27500 - Symbolic Logic

## GER

3/B
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

PHILO 27900 - Inductive Logic

GER
3/B

Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 36400 - Philosophy of Language (W)

GER
3/A

Inquiry into the philosophical significance of language, its structure, meaning, reference and use.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.
PHILO 37500 - Advanced Symbolic Logic

GER
3/B

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability. prereq: PHIL 27500 or equiv.
3 hrs
3 cr .
PHILO 37600 - Philosophy of Mathematics (W)

GER
3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.
prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
3 cr .

## Natural and Social Sciences

## PHILO 17000 - Introduction to Logic and Scientific Method

## Hunter Core

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.

3 hrs .
3 cr .

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 26800 - Philosophical Psychology (W)

## GER

3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 27000 - Philosophy, Science and Culture (W)

## GER

3/B

Issues relating to the impact of modern science on philosophy, religion and culture.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 27500 - Symbolic Logic

GER
3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

PHILO 27900 - Inductive Logic

GER
3/B

Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 37500 - Advanced Symbolic Logic

GER
3/B

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability. prereq: PHIL 27500 or equiv.
3 hrs
3 cr .
PHILO 37900 - Philosophy of Science (W)

## GER

3/B

Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## Psychology and Mind

four of

## PHILO 20100 - Knowledge and Reality (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
```

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

## Pluralism and Diversity

PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 26800 - Philosophical Psychology (W)

GER
3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 36600 - Philosophy of Mind (W)

GER
3/A
Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## Cognitive Psychology

four of

## Pluralism and Diversity

PD/D
GER
3/A

Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 21500 - Foundations of Modern Philosophy (W)

## Pluralism and Diversity

PD/D
GER
3/A
Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 26800 - Philosophical Psychology (W)

## GER

3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 36200 - Theory of Knowledge (W)

GER
3/A
Study of origin, structure, methods and foundations of human knowledge. prereq: Two courses in philosophy, at least one of which is at the 200 level. 3 hrs
3 cr .

## PHILO 37900 - Philosophy of Science (W)

## GER

3/B
Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr .

## English and the Arts

four of

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
```

PHILO 21800 - Revolutions in Modern Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach,
Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
```

PHILO 22800 - Existentialism (W)
Pluralism and Diversity
PD/D
GER
3/A

Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 25600 - Philosophical Ideas in Literature (W)

## GER

3/A
Analysis of major philosophical themes in some classics of world literature.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 25800 - Aesthetics (W)

## GER

3/A
Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.

## PHILO 38000 - Major Figures in Philosophy (W)

## GER

3/A

```
Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are
offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO }38020\mathrm{ Plotinus (W)
PHILO }38063\mathrm{ Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3cr
```


## History of the modern world

four of

## PHILO 21500 - Foundations of Modern Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21800 - Revolutions in Modern Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 22800 - Existentialism (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 24600 - Political Philosophy (W)

## GER

3/B
Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 24800 - International Ethics (W)

## GER

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of $20^{\text {th }}$ century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

3 cr.
History of the classical and medieval world
four of

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21400-Medieval Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22300 - Neoplatonism (W)

Pluralism and Diversity
PD/D
GER
3/A

A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

## American history or culture

four of

## PHILO 22500 - American Philosophy (W)

## Pluralism and Diversity

PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.
```


## PHILO 32000 - Twentieth-Century Philosophy (W)

GER
3/A

Survey of such movements as pragmatism, process philosophy, analytic philosophy, existentialism, phenomenology, feminism and post modernism through consideration of such representative figures as Dewey, Moore, Whitehead, Russell, Husserl, Heidegger, Wittgenstein, Ayer, Sartre, De Beauvoir, Quine, Rorty and Rawls.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

Law

PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 24800 - International Ethics (W)

## GER

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 34600 - Contemporary Theories of Justice (W)

## GER

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

## Ethics

## PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 24400 - Moral Philosophy (W)

## GER

3/A
Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 24800 - International Ethics (W)

## GER

3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 25000 - Problems of Ethics and Society (W)

## GER

3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25200 - Problems of Law and Morality

```
GER
3/B
Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
cr.
```

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 34400 - Contemporary Theories in Ethics (W)

GER
3/A

A study of important theories in contemporary ethics, such as rule utilitarianism, intuitionism, prescriptivism, and constructivism.
prereq: 2 courses in philosophy, 1 at the 200-level.
3 hrs
$3 c r$

## Religion

four of
PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 21400 - Medieval Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 21500 - Foundations of Modern Philosophy (W)

## Pluralism and Diversity

PD/D
GER
3/A
Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22300 - Neoplatonism (W)
Pluralism and Diversity
PD/D
GER
3/A
A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 22800 - Existentialism (W)

Pluralism and Diversity
PD/D

GER
3/A

Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 26200 - Philosophy of Religion (W)

## GER

3/A

Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr .

## PHILO 36000 - Metaphysics (W)

## GER

3/A

Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 38000 - Major Figures in Philosophy (W)

```
GER
3/A
Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are
offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO }38020\mathrm{ Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3cr
```


## Humanities and The Arts

## HUM 11000 - Map of Knowledge (W)

GER
2/C

Introduction to range of knowledge available in the curriculum. Discusses subject matter and methodology of various disciplines as well as their relations within and across the curriculum to aid students in making intelligent choices in their course of study.
3 hrs
3 cr .

## Philosophy: Introductory Courses

PHILO 10100 - Introduction to Philosophy

```
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
Examination of basic philosophical questions through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester
```

PHILO 10300 - Introduction to Logic and Critical Thinking

GER
2/C

Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs
3 cr.
offered each semester

## PHILO 10400 - Introduction to Ethics

## Hunter Core <br> Individual and Society (Humanities) -I\&S H <br> GER <br> 2/C

Examination of standards of right conduct and the good life through study of selected philosophical classics.
3 hrs
3 cr.
offered each semester

# PHILO 10600 - Philosophy, Politics and Society 

```
Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3cr.
offered each semester
```


## PHILO 17000 - Introduction to Logic and Scientific Method

## Hunter Core

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs .
3 cr .

PHILO 20400 - Great Philosophers

```
Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
```

A comprehensive study of major philosophical thinkers.
prereq: ENGL 12000
3 hrs
3 cr.

## Philosophy Courses: Ethics, Politics and Aesthetics

PHILO 22600 - African-American Philosophy (W)

Pluralism and Diversity
PD/B
GER
3?A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston. prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr .

## PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
cr.
```

PHILO 24400 - Moral Philosophy (W)

## GER

3/A
Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

PHILO 24600 - Political Philosophy (W)

## GER

3/B
Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.

## PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 25200 - Problems of Law and Morality

## GER

3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

## GER

3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 25500 - Environmental Philosophy (W)

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.
prereq: ENGL 12000 and one course in Philosophy
3 hrs
$3 c r$.
PHILO 25600 - Philosophical Ideas in Literature (W)

GER
3/A
Analysis of major philosophical themes in some classics of world literature.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
$3 c r$.
PHILO 25800-Aesthetics (W)

GER
3/A

Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 34400 - Contemporary Theories in Ethics (W)

## GER

3/A

A study of important theories in contemporary ethics, such as rule utilitarianism, intuitionism, prescriptivism, and constructivism.
prereq: 2 courses in philosophy, 1 at the 200-level.
3 hrs
3 cr
PHILO 34600 - Contemporary Theories of Justice (W)

## GER

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
$3 c r$

## PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr .
Philosophy Courses: History of Philosophy
PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21400-Medieval Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 21500 - Foundations of Modern Philosophy (W)

```
Pluralism and Diversity
PD/D
GER
3/A
```

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21600 - Women Philosophers of the Past

Pluralism and Diversity
PD/C
GER
3/A
Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.
cross-listed WGS 21600
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 21800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 21900 - Chinese Philosophy (W)

```
Pluralism and Diversity
PD/A
GER
3/A
Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.
```

PHILO 22100 - Indian Philosophy (W)
Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.
prereq: ENGL 10000 and one course in Philosophy
3 hrs
3 cr.
PHILO 22300 - Neoplatonism (W)

Pluralism and Diversity
PD/D
GER
3/A

A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

## PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 22600 - African-American Philosophy (W)

```
Pluralism and Diversity
PD/B
GER
3/A
Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass,
Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3cr.
```


## PHILO 22800 - Existentialism (W)

## Pluralism and Diversity

PD/D
GER
3/A
Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 23000 - Feminism: Philosophical Theory and Practice (W)

```
Pluralism and Diversity
PD/C
GER
3/A
Analyses of feminist theories and their practical implications. cross-listed WGST 23000 (W)
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
\(3 c r\).
```


## PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of $20^{\text {th }}$ century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
$3 c r$.
PHILO 32000-Twentieth-Century Philosophy (W)

Survey of such movements as pragmatism, process philosophy, analytic philosophy, existentialism, phenomenology, feminism and post modernism through consideration of such representative figures as Dewey, Moore, Whitehead, Russell, Husserl, Heidegger, Wittgenstein, Ayer, Sartre, De Beauvoir, Quine, Rorty and Rawls.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

## PHILO 32200 - Modern Philosophical Idealism

## GER

3/A

Study of major works of Fichte, Schelling, Hegel, Bradley, Royce and their critics.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## Philosophy Courses: Logic

## PHILO 27500 - Symbolic Logic

## GER

3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr .

## PHILO 27900 - Inductive Logic

## GER

3/B
Deductive vs. inductive logic, basic forms of inductive inference, Mill's methods and controlled experiments, the probability calculus, interpretations of probability, the problem of induction, confirmation and disconfirmation of hypotheses.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 37500 - Advanced Symbolic Logic

## GER

3/B
A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and
completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability. prereq: PHIL 27500 or equiv.
3 hrs
3 cr .

## Philosophy Courses: Major Philosophers

## PHILO 38000 - Major Figures in Philosophy (W)

## GER

3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W) )
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

PHILO 38010 - Plato (W)

## GER

3A

Intensive study of the works and legacy of Plato.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38011 - Aristotle (W)

GER
3A
Intensive study of the works and legacy of Aristotle.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
$3 c r$.
PHILO 38020 - Plotinus (W)

GER
3A

Intensive study of the works and legacy of Plotinus.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 38063 - Hume (W)

## GER

3A

Intensive study of the works and legacy of Hume.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

## PHILO 38068 - Kant (W)

## GER

3A

Intensive study of the works and legacy of Kant.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 38070 - Hegel (W)

GER
3A

Intensive study of the works of Hegel.
prereq: Two courses in philosophy, at least one of which is at the 200 level. 3 hrs
3 cr.
PHILO 38076 - Marx (W)

## GER

3A

Intensive study of the works and legacy of Marx (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level 3 hrs
3 cr .

PHILO 38078 - Nietzsche (W)

## GER

3A

Intensive study of the works and legacy of Nietzsche.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

## PHILO 38080 - Wittgenstein (W)

## GER

3A

Intensive study of the works and legacy of Wittgenstein.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 38083 - Heidegger (W)

GER
3A

Intensive study of the works and legacy of Heidegger.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 38086 - Foucault (W)

GER
3A
Intensive study of the works and legacy of Foucault.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
$3 c r$.

## Philosophy Courses: Metaphysics and Epistemology

PHILO 20100 - Knowledge and Reality (W)
Pluralism and Diversity
PD/D
GER
3/A
Study of main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.
prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
$3 c r$.

## PHILO 26200 - Philosophy of Religion (W)

```
GER
3/A
Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3cr.
```

PHILO 26800 - Philosophical Psychology (W)
GER
3/B

Views of human nature underlying some major contemporary schools of psychology, such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget's developmental psychology. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .

## PHILO 27000 - Philosophy, Science and Culture (W)

GER
3/B

Issues relating to the impact of modern science on philosophy, religion and culture.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO $\mathbf{3 6 0 0 0}$ - Metaphysics (W)

GER
3/A
Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .
PHILO 36200 - Theory of Knowledge (W)

## GER

3/A
Study of origin, structure, methods and foundations of human knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 36400 - Philosophy of Language (W)

## GER

3/A

Inquiry into the philosophical significance of language, its structure, meaning, reference and use.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr .

## PHILO 36600 - Philosophy of Mind (W)

## GER

3/A
Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
$3 c r$.

## PHILO 37600 - Philosophy of Mathematics (W)

## GER

3/B
Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.
prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
$3 c r$.

## PHILO 37800 - Philosophy of Biology (W)

Philosophical problems of biology, including evolutionary biology, molecular biology and genetics, and neuroscience. prereq: ENGL 12000 and 2 courses in philosophy, at least one at the 200-level
3 hrs
3 cr .

## PHILO 37900 - Philosophy of Science (W)

## GER

3/B
Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr .

## Philosophy: Special Courses

## PHILO 20000 - Topics in Philosophy

GER
3/A

Topics discussed vary from semester to semester. prereq: variable (see Program Prerequisites)
3 hrs
3 cr .
PHILO 39300 - Philosophical Systems

GER
3/A

Study of writings of one or two major philosophers. prereq: variable (see Program Prerequisites)
3 hrs
3 cr .

## PHILO 39400 - Philosophical Problems

## GER

3/A
Study of one or more major philosophical problems. prereq: variable (see Program Prerequisites)
3 hrs
3 cr .

## PHILO 49200 - Independent Study in Philosophy

Independent study of philosophical works under faculty supervision.
prereq: one PHILO course at 300-level, perm instr. (see Program Prerequisites)
$1-6 \mathrm{cr}$.

## PHILO 49400 - Honors Tutorial in Philosophy

Open to $\mathrm{Jr} / \mathrm{Sr}$ only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion is one requirement for departmental honors at graduation.
prereq: 3.0 cum GPA and 3.50 major GPA; philosophy majors only, minor with perm instr; two 300-level PHIL courses, one of which may be taken concurrently; perm dept.
3 or 6 cr.
PHILO 49800 - Internship

# Programs and Courses in Physics \& Astronomy 

## Physics and Astronomy

## About the Department

Physics is the study of the basic interactions that govern the behavior of the universe as we know it. As such, a knowledge of physics is necessary for the proper understanding of any science, and, of course, it is an exciting field of study in its own right.

The department offers comprehensive training in physics that can lead to a teaching position in grades 7-12; industrial, institutional and government work; and graduate study. The major includes lecture courses, laboratory courses, and a chance for qualified students to participate in research with faculty members.

## Physics for Non-Physics Majors

A minimum of one year of physics is recommended for all majors in sciences and health sciences.

Medical and dental schools also require one year of physics. Students requiring one year of physics may take either the PHYS 11000 (STEM)-PHYS 12000 (STEM) sequence ( 9 cr ) or the PHYS 11100 (STEM)-PHYS 12100
(STEM) sequence ( 11 cr ). Although both sequences cover the same topics, PHYS 11100 (STEM)-PHYS 12100
(STEM) utilizes elementary calculus and meets for one additional lecture hour each week. It is recommended for science students and those premed students who satisfy the mathematics prerequisite. PHYS $10100(4 \mathrm{cr})$ should be taken only by those who want a one semester terminal course in physics; it does not satisfy pre-professional requirements. Students should take no more than one first-semester course (PHYS 10100, PHYS 11000 (STEM), PHYS 11100 (STEM)) and no more than one second-semester course (PHYS 12000 (STEM), PHYS 12100 (STEM)) since they may receive credit for no more than one course from each group.

## Programs and Courses

## Administration and Faculty

## Department Office:

## 1225 North

(212) 772-5248

Web site: http://www.hunter.cuny.edu/physics

## 1224 North

(212) 650-3029

## Administrative coordinator: Julie Hon

Jho0011@hunter.cuny.edu

## Chair:

## Steve Greenbaum

1220B North
(212) 772-4973
sgreenba@hunter.cuny.edu

## Faculty

Physics and Astronomy Faculty
HEGIS Code: 1902

## Undergraduate Major

## Physics - BA

## Major

One of the following 3 options (concentrations) may be taken.

- Physics Option 1
- Physics Option 2
- Physics Option 3


## Graduate Study

The Department of Physics and Astronomy offers a number of advanced courses, listed in the graduate catalog, which give credit toward the degree of master of arts. Qualified undergraduate students may be admitted to these courses with the approval of the department chair.

## Minor in Physics

A minor in Physics consists of a minimum of 12 credits of PHYS courses, including two courses numbered above 200 or one course numbered above 300 .

Students who wish to enroll in the Physics Minor must have completed MATH 15000 (STEM) and MATH 15500 (STEM) . The prerequisites for the 300-level courses include MATH 25000 and/or MATH 25400 .

## Honors Work

The opportunity for students to do individual research (experimental or theoretical) is offered in courses

## PHYS 45300 - Introduction to Research

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 33000, 33400, 33500, and 42700 or perm chair
1-3 cr.

## PHYS 45400 - Introduction to Research

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 45300 or perm chair
1 to 3 cr .

## Articulation Agreement

## Articulation Agreement with New York City College of Technology

An agreement is in place for students from New York City College of Technology (CUNY) who successfully complete an associate degree in science in Liberal Arts (LAS) with at least a 2.0 overall grade-point average to be accepted into the Hunter College BA program in Physics. Consult the physics and astronomy department for further information.

## Physics Option 1

Return to Programs and Courses in Physics \& Astronomy
For students in the BA/MA program, students intending to teach grades 7-12, and students intending to enter the medical profession.

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

## MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

## Option 1

The requirements consist of 8 credits of introductory physics courses
PHYS 11100 (STEM) and PHYS 12000 (STEM) preferred
and a 22-credit concentration in physics courses at the 200 level and higher:
PHYS 22100
PHYS 22200
PHYS 33000
PHYS 33400
PHYS 23000
PHYS 23500
PHYS 33500
Additionally, 15-24 credits of allied courses (mathematics and chemistry) are also required. Together, the introductory physics and the Option 1 concentration ( 30 credit total) satisfy the major requirement for initial certification as a teacher of physics in grades 7-12. Option 1, together with the MA (see the Accelerated BA/MA Program in Physics), is recommended for students planning to pursue a PhD in physics.

## Preparation for Teaching

The Option 1 major in physics satisfies the requirements for NY State initial certification of at least 30 credits for teachers in adolescent education: physics (grades 7-12). Students planning to become physics teachers at the secondary level should take the 23 -credit sequence in secondary education .

Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

## MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10400 (STEM) - General Chemistry II

## Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

## GER

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
4 cr.

## GEOL 10000 - Introductory to Geology

## Hunter Core

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

## BIOL 10000 (STEM) - Principles of Biology I

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity

PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200 .
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## Physics Option 2

Return to Programs and Courses in Physics \& Astronomy
(Biophysics concentration) is recommended for students planning to pursue graduate studies and industrial R\&D in biological related areas in physics, chemistry, bioengineering, and material sciences. This concentration is designed to allow the students to gain a solid foundation in physics and biology, together with a specially-designed course in biophysics which demonstrates the disciplinary interface between the two. The concentration requirements consist of courses in physics ( 26 cr ), mathematics ( 12 cr ), chemistry ( 15 cr ) and biology ( 18 cr ) and 8 credits of electives (at least 4 must be in physics).

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr .

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

## Option 2

Courses in Physics (26 credits)

## PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core<br>Scientific World (SW) Life and Physical Sciences (LPS)<br>GER<br>2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 33000-Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

## PHYS 33400 - Intermediate Electricity and Magnetism

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr .

## PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr .

## PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
$4 c r$.
Mathematics (12 cr)
MATH 15000 (STEM) - Calculus with Analytic Geometry I

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
$4 c r$.

## MATH 15500 (STEM) - Calculus with Analytic Geometry II

## Hunter Core

Math/Quantitative Reasoning
GER
1/B
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr .

## MATH 25000 - Calculus with Analytic Geometry III

## GER

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr .

## Chemistry ( 15 cr )

## CHEM 10200 (STEM) - General Chemistry I

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr .

## CHEM 10400 (STEM) - General Chemistry II

Hunter Core<br>Life and Physical Sciences (LPS) Scientific World (SW)<br>GER<br>2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

## CHEM 10600 (STEM) - General Chemistry Laboratory

[^17]Credit not given for CHEM 10600 and CHEM 10300 or CHEM 10500. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr .

## CHEM 22200-Organic Chemistry Lecture I

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.

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prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 \mp@code { c r . }
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## CHEM 22400-Organic Chemistry Lecture II

## GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
Biology (18 cr)

## BIOL 10000 (STEM) - Principles of Biology I

Hunter Core<br>Life and Physical Sciences (LPS); Scientific World (SW)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

## BIOL 10200 (STEM) - Principles of Biology II

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>Pluralism and Diversity<br>PD/C or D<br>GER<br>2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: \$10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

## and 8 cr of electives

At least 4 credits must be in physics

## Physics Option 3

Return to Programs and Courses in Physics \& Astronomy
(Laser and fiber optics concentration) is recommended for those interested in a career in the telecommunications industry, as it includes a foundation in lasers and fiber optics.

## Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

## MATH 12500 (STEM) - Precalculus

```
Hunter Core
Math/Quantitative Reasoning
GER
1/B
```

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
$4 c r$.

## MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam prereq or coreq: MATH 12500
2 hrs
1 cr .
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

## Option 3

## Eight (8) credits of introductory physics are required

Recommended

## PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

## PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core<br>Scientific World (SW); Life and Physical Sciences (LPS)<br>GER<br>2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus. prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

May be taken instead

## PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

## Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

## Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

No more than 8 credits toward the major can be obtained from these courses. It is recommended that the following be taken, if the PHYS 110-120 sequence is taken instead of the PHYS 111-121 sequence.

Applications of differential and integral calculus to selected topics chosen from the major subfields of physics. Completion of this course and its prerequisites is equivalent to completion of the calculus-based general physics sequence, PHYS 11100 and 12100.
prereq: MATH 15500, PHYS 12000
3 hrs (2 lec, 1 rec )
2 cr .

## ( 15 cr ) are required in addition to one year of high school chemistry or college chemistry

MATH 15000 (STEM) - Calculus with Analytic Geometry I

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
4 cr.
MATH 15500 (STEM) - Calculus with Analytic Geometry II

Hunter Core<br>Math/Quantitative Reasoning<br>GER<br>1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

## MATH 25000 - Calculus with Analytic Geometry III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. prereq: MATH 15500
4 hrs
4 cr.
MATH 25400-Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and
numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr .

## All four courses of the sequence are required

No more than 4 credits of the sequence PHYS 231-234 may be used toward the major.

## PHYS 23100 - Fundamentals of Laser and Fiber Optics

## GER

3/B

Topics in optics related to lasers and optical fiber and devices for modulating and directing signals from such devices. Geometrical optics with emphasis on ray tracing. Matrix methods in optics. Lenses thick and thin, mirrors, prisms and other passive optical elements and systems. Propagation of light in materials. Dispersion and its effects. Special topics in geometric and wave optics. Laboratory complements classwork.
prereq: PHYS 12000 or 12100 or equiv; MATH 12500
5 hrs
$4 c r$.

## PHYS 23200 - Laser and Electro-Optics Technology

## GER

3/B

Wave optics, interference, coherence, polarization, birefrigence, diffraction, gratings in two and three dimensions, power and energy measurements, basics of laser safety, ultra-fast pulse technology measurements, basics of laser safety, ultra-fast pulse technologies, electro-optics and acoustooptics switches, optical materials, non-linear optics. Laboratory complements classwork.
prereq: PHYS 23100
7 hrs
5 cr .
PHYS 23300 - Laser Electro-Optics Devices, Measurements and Applications

## GER

3/B

Laser as a device, principle of operation, cavity modes and their control (tuning elements, Q switching, mode-locking) and detection, laser design, types of lasers, includes discussion of laser types for medical, ranging and tracking, material processing, pollution monitoring, and optical memory applications, semiconductor laser. Laboratory complements class work.
prereq: PHYS 23100
6 hrs
4 cr.
PHYS 23400 - Fiber Optics Devices, Measurements, and Applications

GER
3/B

Propagation of light in optical fiber, including analysis of the behavior of different modes. Dispersion and distortion. Specialized light sources and their characterization. Fiber optic sensors. All optical fiber amplifiers. Optical switches and logic gates. Optical isolators. Techniques for joining fibers. Instruments for characterizing fiber and fiber links. Optical communications systems and protocols. Wavelength division multiplexing. Medical applications including fiber optics-diagnostic and surgical. Optical data processing and optical memories. Laboratory complements classwork. prereq: PHYS 23100
6 hrs
4 cr.

## Undergraduate Major/Graduate Major

## Physics - BA/MA

This special program for a limited number of well qualified students leads to a bachelor of arts and a master of arts degree. Students are offered the opportunity to quickly reach a level where they are competitive for admission into any doctoral program in physics. The program requires 124-126 credits (including the 30 credits required for a physics major BA degree and 30 credits from the graduate curriculum). Because this program requires a large number of physics courses, many of which have other physics courses as prerequisites, students in this program should begin taking physics courses in their first or second semester. Students should consult with the department chair, undergraduate adviser or graduate adviser for details as early as possible.

## Undergraduate Minor

## Minor in Physics

A minor in Physics consists of a minimum of 12 credits of PHYS courses, including two courses numbered above 200 or one course numbered above 300. Students who wish to enroll in the Physics Minor must have completed:

- MATH 15000
-and-
- MATH 15500.

The prerequisites for the 300-level courses include MATH 25000 and/or MATH 25400.

## Astronomy

## ASTRO 10000 - Basic Concepts in Astronomy

## Hunter Core

Scientific World (SW)
GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe. 3 hrs .
3 cr .

## ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

## GER

2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes.
Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
4 cr .

## ASTRO 10200 - Laboratory Explorations in Astronomy

## Hunter Core

Life and Physical Sciences (LPS)
GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.
prereq or coreq: ASTRO 10000
3 hrs
3 cr.

## ASTRO 10300 - Laboratory Explorations in Astronomy

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.
prereq: ASTRO 10000
3 hr .
3 cr .

## ASTRO 10700 - Laboratory Exercises in Astronomy

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Classroom and online experimental laboratory exercises in astronomy to observe the major features of the night sky, demonstrate the physical basis of astronomical instruments, and experiment with astronomical phenomena. Only offered to students who have previously taken ASTRO 100 which is no longer offered [ASTRO \(100+\) ASTRO 107 are replaced by ASTRO 10100].

\title{
Astronomy: Courses Less Frequently Offered
}

\section*{ASTRO 18100 - Astronomy of the Solar System}

\section*{ASTRO 18200 - Stellar Astronomy}

\section*{Physics}

\section*{PHYS 10000 - Basic Concepts of Physics}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a corequisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.
3 hrs
3 cr .

\section*{PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
GER
2/E

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.
prereq or coreq: PHYS 10000
3 hrs
3 cr .

\title{
PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E
}

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat,
and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus. prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
```

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

```
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec )
4.5 cr .

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus. prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr .

\section*{PHYS 19000 - Tutorial in Mathematical Physics}

Applications of differential and integral calculus to selected topics chosen from the major subfields of physics. Completion of this course and its prerequisites is equivalent to completion of the calculus-based general physics sequence, PHYS 11100 and 12100.
prereq: MATH 15500, PHYS 12000
3 hrs (2 lec, 1 rec)
2 cr.

\section*{PHYS 20400 - Electrical Circuits and Laboratory}

GER
3/B

Passive electrical circuits and computer-based data acquisition and analysis, including basic circuit laws, methods of circuit analysis, circuit theorems, operational amplifiers, capacitors and inductors, sinusoids and phasors, sinusoidal steady state analysis, frequency response, and test and measurement instruments, virtual instruments, and data acquisition software.
prereq: PHYS 12100
prereq or coreq: MATH 25400
5 hrs (3 lec, 2 lab)
4 cr.

\section*{PHYS 22100 - Electronics}

GER
3/B

Circuit theory of passive devices (resistors, capacitors, and inductors). Semi-conductor principles and transistor amplifier design. Integrated circuit applications and digital computer logic circuit principles.
prereq: PHYS 12000 or PHYS 12100
4 hrs
4 cr .

\section*{PHYS 22200 - Electronics Laboratory}

GER
3/B

Experiments are performed with passive devices (capacitors, inductors, resistors) and active devices (diodes, transistors). A variety of transistor amplifier and oscillator circuits are studied as well as integrated circuit applications. prereq: PHYS 22100
4 hrs
2 cr .

PHYS 22400 - Analog and Digital Electronics and Laboratory

GER
3/B

Semiconductor devices and circuits, including properties of semiconductors, diodes, transistors, amplifiers, oscillators, and digital circuits.
prereq: PHYS 20400
5 hrs (3 lec, 2 lab)
4 cr.

\section*{PHYS 23000 - Classical Physics Laboratory}

GER
3/B

Selected experiments of mechanics, electricity/magnetism, and thermodynamics. Experiments may include driven oscillator resonance, coupled oscillators, liquid nitrogen heat of vaporization, Fourier analysis/filtering, ferromagnetic hysteresis, and the nonlinear pendulum period. Elementary error analysis techniques and computer software for data analysis/graphing.
prereq: PHYS 12000 or 12100
4 hrs
\(2 c r\).

\section*{PHYS 23100 - Fundamentals of Laser and Fiber Optics}

GER
3/B
Topics in optics related to lasers and optical fiber and devices for modulating and directing signals from such devices. Geometrical optics with emphasis on ray tracing. Matrix methods in optics. Lenses thick and thin, mirrors, prisms and other passive optical elements and systems. Propagation of light in materials. Dispersion and its effects. Special topics in geometric and wave optics. Laboratory complements classwork.
prereq: PHYS 12000 or 12100 or equiv; MATH 12500
5 hrs
4 cr.

\section*{PHYS 23200 - Laser and Electro-Optics Technology}

GER
3/B

Wave optics, interference, coherence, polarization, birefrigence, diffraction, gratings in two and three dimensions, power and energy measurements, basics of laser safety, ultra-fast pulse technology measurements, basics of laser safety, ultra-fast pulse technologies, electro-optics and acoustooptics switches, optical materials, non-linear optics. Laboratory complements classwork.
prereq: PHYS 23100
7 hrs
5 cr .

PHYS 23300 - Laser Electro-Optics Devices, Measurements and Applications

GER
3/B

Laser as a device, principle of operation, cavity modes and their control (tuning elements, Q switching, mode-locking) and detection, laser design, types of lasers, includes discussion of laser types for medical, ranging and tracking, material processing, pollution monitoring, and optical memory applications, semiconductor laser. Laboratory
complements class work.
prereq: PHYS 23100
6 hrs
4 cr .

\section*{PHYS 23400 - Fiber Optics Devices, Measurements, and Applications}

\section*{GER \\ 3/B}

Propagation of light in optical fiber, including analysis of the behavior of different modes. Dispersion and distortion. Specialized light sources and their characterization. Fiber optic sensors. All optical fiber amplifiers. Optical switches and logic gates. Optical isolators. Techniques for joining fibers. Instruments for characterizing fiber and fiber links. Optical communications systems and protocols. Wavelength division multiplexing. Medical applications including fiber optics-diagnostic and surgical. Optical data processing and optical memories. Laboratory complements classwork. prereq: PHYS 23100
6 hrs
4 cr.

\section*{PHYS 23500 - Modern Physics Laboratory}

GER
3/B

Selected experiments of quantum physics and optics. Experiments may include nuclear half-life, miowave diffraction, Bragg scattering of x-rays, nuclear multichannel scintillation, Franck-Hertz quantum levels, Millikan oil drop. Error analysis techniques including Gauss and Poisson distributions and correlation of data. Programming for data analysis. prereq: PHYS 12000 or 12100
4 hrs
2 cr .

\section*{PHYS 30100-Theoretical Physics}

Analysis of mathematical techniques for solving partial differential equations occurring in physics. Cross-listed as MATH 301.
prereq: MATH 25400
4 hrs
\(4 c r\).

\section*{PHYS 31100 - Introduction to Fluid Mechanics}

This course covers the basic principles of fluid mechanics include statics, forces on plane and curve surfaces, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli's equation, dimensional analysis, and elementary viscous flow. Frictional losses in laminar flow and simple pipe flow analysis are covered. Understanding of the physical phenomena is stressed and vector notation is introduced and used whenever suitable.
cross-listed PGEOG 31100
prereq: PHYS 12100 or PHYS 12000 and MATH 15500

3 hrs
3 cr.

\section*{PHYS 33000 - Atomic and Nuclear Physics}
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Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4cr.

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\section*{PHYS 33400 - Intermediate Electricity and Magnetism}

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

\section*{PHYS 33500 - Intermediate Mechanics}

Study of laws of motion and coordinate systems; introduction to powerful analytical techniques.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
\(4 c r\).

\section*{PHYS 33600 - Thermodynamics and Statistical Mechanics}

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws. prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr .

\section*{PHYS 34200-Optics}

Study of lenses, mirrors, interference, diffraction, and polarization, as well as lasers, holography, and Fourier optics. prereq: PHYS 12000 or 12100; MATH 25000
3 hrs
\(3 c r\).

\section*{PHYS 38500 - Numerical Methods I}

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. Cross-listed as MATH 38500 and CSCI 38500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.
prereq: MATH 25400
3 hrs
3 cr .

\section*{PHYS 39900 - Senior Thesis (W)}

This course is to prepare the students for graduate research. Each student will undertake a research experience, experimental, theoretical, and/or computational, under the supervision of a department faculty member. A final oral as well as written report will be required. The goals are that the student learns research skills in physics, written and oral communication skills, while furthering their knowledge in a topical area in physics.
prereq: PHYS 11100, 12100
prereq or coreq: ENGL 12000, and at least four 200-, 300-, or 400-level physics courses
3 cr .

\section*{PHYS 41100 - Theoretical Mechanics}
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Classical mechanics of particles and rigid bodies; special relativity; Hamilton's formulation; Liouville's theorem. prereq: PHYS 33500
prereq or coreq: MATH 25400
3 hrs
3 cr .

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\section*{PHYS 41500 - Electromagnetic Theory}

Electrostatics; vector analysis, electrostatics, electric fields in matter, magnetostatics, magnetic fields in matter, electrodynamics based on Maxwell equations, and conservation laws.
prereq: PHYS 33400 or PHYS 12100 with permission
prereq or coreq: MATH 25400
3 hrs
3 cr .

\section*{PHYS 41600 - Electromagnetic Theory II}

Electromagnetic waves, guided waves, potential and fields, radiation, electrodynamics and relativity.
prereq: PHYS 41500
3 hrs
3 cr .

\section*{PHYS 42000 - Introduction to Biophysics}

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of maomolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr .

\section*{PHYS 42400 - Plasma Physics}

Motion of charged particles in external magnetic and electrical field; fusion using tokamaks, mirrors, and lasers. prereq: PHYS 33400

3 hrs
\(3 c r\).

\section*{PHYS 42500-Quantum Theory}

From Bohr model and DeBroglie waves to Schrodinger wave equation; solutions for simple cases; transformations. prereq: PHYS 33000.
prereq or coreq: MATH 25400
3 hrs
3 cr .

\section*{PHYS 42700 - Intermediate Physics Laboratory}

Study of modern experimental techniques in variety of fields.
prereq: PHYS 23500
4 hrs
2 cr .

\section*{PHYS 42800 - Photonics and Laboratory}

Theoretical principles and practical training of selected subjects of modern optics and lasers.
prereq: PHYS 33000, PHYS 22200 or 22400
coreq: PHYS 41600 or PHYS 33400
4 hrs
2 cr .

\section*{PHYS 44500 - Solid State Physics}

Energy levels in atoms, molecules, and solids; crystal structure; properties of solids; semiconducting devices. prereq: PHYS 33000
3 hrs
3 cr .

\section*{PHYS 45300 - Introduction to Research}

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 33000, 33400, 33500, and 42700 or perm chair
1-3 cr.

\section*{PHYS 45400 - Introduction to Research}

Independent theoretical or experimental research or independent study of approved topic.
prereq: PHYS 45300 or perm chair
1 to 3 cr .

\section*{PHYS 48500 - Numerical Methods II}

Topics in numerical methods selected from solutions of linear equations, interpolating functions, root finding methods, nonlinear equations, Fourier series and the fast Fourier transform, partial differential equations. A major term project will be assigned. Cross-listed as MATH 48500 and CSCI 48500 so that students in the mathematics and computer
science departments can use the course toward the completion of their major requirements. cross-listed CSCI 48500 and MATH 48500
prereq: PHYS 38500
3 hrs
3 cr .

\section*{Physics: Courses Less Frequently Offered}

PHYS 24000 - Physics of Biological Systems

GER
3/B
PHYS 24500 - Computer Applications in Physical Sciences

GER
3/B

PHYS 28000 - Astrophysics

GER
3/B

PHYS 36000 - Atomic and Nuclear Physics for Engineers
PHYS 36400 - Electricity and Magnetism for Engineers

PHYS 36500-Analytical Mechanics
PHYS 40300 - Topics in Modern Physics

\section*{Programs and Courses in Political Science}

\section*{Political Science}

\section*{About the Department}

Department Description

\section*{Programs and Courses}

Programs and Courses in Political Science

\section*{Administration and Faculty}

\section*{Department Office:}

1724 West
(212) 772-5500

Web site: http://www.hunter.cuny.edu/polisci/
Chair:
Carolyn Somerville
1724A West
(212) 772-5669

Polsci@hunter.cuny.edu

\section*{Faculty}

Political Science Faculty
HEGIS Code 2207

\section*{Undergraduate Major}

\section*{Political Science - BA}

\section*{Major}

\section*{30 cr for students declaring after September 1, 2009}

Majors are required to take at least one course in each of the four following subfields of the discipline:
1. American Government
2. Political Theory
3. Comparative Politics
4. International Relations

Students may distribute their remaining courses in the major as they see fit. However, students contemplating graduate work are encouraged to specialize appropriately in consultation with the department's faculty members.

For students declaring after September 1, 2009, no more than two introductory (100-level) courses can be applied toward the major. Majors must complete at least three courses at the 300 -level or above in any subfield.

No more than 6 credits in internship, independent study, and/or experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major. Also, such credits may not be used to satisfy the distribution requirements in the four fields. Courses taken for Credit/No Credit may not be applied toward the major.

\section*{Hunter Core Requirement}

Several courses leading to or in this major fulfill parts of the Hunter Core Requirement (CUNY Common Core, Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path of the major. Details of the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

In the case of political science, the courses that meet CCC are:
Course
POLSC 11000
US Experience in its Diversity
POLSC 10000
World Culture/Global Issues
POLSC 25000
World Culture/Global Issues
POLSC 20000
Individual and Society
Please note that no more than two courses from any one department will count for the CUNY Common Core.

\section*{Minor in Political Science}

Students minoring in political science must complete 12 credits in political science. No more than three credits can be at the \(100-l e v e l\). No more than three credits in independent study can be used to satisfy the minor. Internship credits may not be applied toward the minor.

The minor in Political Science is designed to provide students with solid grounding in political science and to encourage them to develop depth in the discipline in an area that will complement their major or develop expertise in an area of particular interest to them. To complete a minor in Political Science, students must complete 12 credits in Political Science with no more than 3 credits at the 100 level. Students may apply up to 3 credits of independent study in Political Science POLSC 29001-29003); however, internship credit may not be applied to the minor.

The minor in Political Science offers students considerable flexibility in designing a minor that will best serve their academic goals. Students may, for instance, wish to focus on courses dealing with European politics and foreign policy to complement a major in a European language and culture. Other students may wish to emphasize courses in international and public law in preparation for law school. Students may concentrate their courses in one field of political science, or spread them across several fields. Students may consult an advisor in the Department of Political Science about their goals as they choose courses to satisfy the minor.

\section*{Interdepartmental Fields}

Political Science department faculty are actively involved in many interdisciplinary programs at Hunter College. Students who want to do work in political science as part of the following interdepartmental programs should refer to the appropriate programs in this catalog.

Minor in Asian American Studies,
Human Rights,
Jewish Studies - BA ,
Latin American and Caribbean Studies - BA ,
Public Policy,
Women and Gender Studies - BA

\section*{Honors}

To complete the requirements for departmental honors in Political Science at graduation, students must have at least 30 credits in Political Science and be eligible for graduation in the semester that they formally complete department honors. At least 21 of these credits (or in exceptional cases, 18) must be taken in the Political Science Department at Hunter College. In the case of transfer students, the student's faculty supervisor must recommend an exception to this policy; however, in no case should a student who has taken fewer than 15 credits in academic coursework (excluding internships or other experiential education courses) in political science at Hunter College be recommended for departmental honors.

In addition, students must 1) have a GPA in the major of not less than \(3.5 ; 2\) ) have completed at least two credits (but not more than 6) in coursework specifically designated for honors (POLSC 492xx); 3) completed POLSC 49300, 4) work on the thesis with one Supervisor who must be a full-time political science faculty member.

The thesis should be a major paper of approximately 25 pages in length that reflects serious scholarship in an honors course. Students should enroll in POLSC 49202-49203 under the supervision of a faculty member with whom the student has done prior coursework and who has agreed to supervise the student's honors project. Students seeking to graduate with departmental honors should begin to plan the sequence of honors work at least two semesters in advance of their expected graduation date.

Approval for Honors will come from the Supervisor. Once students have received the approval of the Sponsor, the thesis can be submitted for departmental honors. Successful completion of departmental honors includes a formal presentation of the thesis to the Honors Committee. Final papers must be deposited in the department office.

\section*{Pi Sigma Alpha}

Students interested in joining this honor society should consult with Professor Leonard Feldman, 1702 Hunter West, (212)396-6246, lfeldman@hunter.cuny.edu.

\section*{Writing Corequisite and Prerequisites}

Introductory, intermediate and advanced political science courses require significant expository writing and ENGL 12000 as a co- or prerequisite. To assure that students are ready for these courses, they should be enrolled in ENGL 12000 (or its equivalent) or have successfully completed the course. For all 100-level courses, ENGL 12000 (or its equivalent) is a prerequisite or co-requisite; for all 200-level, 300-level and 400-level courses, ENGL 12000 (or its equivalent) is a prerequisite.

\section*{Seminar/Internship Program in New York Government}

This university-wide program is designed to bridge the gap between academic study and the practical world of government. Each year approximately 300 students are selected as CUNY interns. Hunter College students participate by enrolling in POLSC 22200/22300. Interns spend eight to ten hours a week in agencies, political offices or community groups working on administrative or research assignments related to urban affairs and services.

They attend a weekly classroom seminar at Hunter and monthly meetings of the entire program at the CUNY Graduate School. Prominent government officials, political leaders, community representatives and academic experts participate in both the weekly and monthly meetings. Students are advised to have taken prior coursework in American politics and to have at least a 3.0 GPA prior to being admitted to this program. For further information, consult the Department of Political Science.

\section*{Other Internships}

Students may wish to consider internships in any field of political science, and receive credit through POLSC 2980129806. The department does not offer internship credits to students in their first semester at Hunter College or to students who have never taken a political science course at Hunter. Up to 6 credits in internship work (POLSC 2980129806) may be used to satisfy requirements for the major. As a general rule, a student who takes POLSC 29801-29806 must be supervised by a full-time faculty member with whom the student has done prior coursework and who has agreed to supervise the student's internship. Additional internship credits may be used as electives toward graduation.

\section*{Preparation for Graduate Study}

Many political science majors go on to graduate study. Students considering graduate work should consult members of the political science faculty.

\section*{Awards and Prizes}

The Political Science Department confers recognition on its outstanding graduates through prizes and awards. The Katherine Duffy Prize and the David Haight Memorial Prize are presented annually to graduating political science majors.

\section*{Scholarships}

The Political Science Department may award the Joan Pincus Scholarship to students majoring in political science who have achieved at least sophomore status, have an excellent academic record and have demonstrated financial need. For additional information, see the department chair or a departmental adviser.

\section*{Undergraduate Minor}

\section*{Minor in International Relations}

The International Relations (IR) minor is an inter-disciplinary course of study that allows students to examine international relations from different perspectives within a liberal arts curriculum. The International Relations minor introduces students to the major themes in IR: IR theories and approaches, peace and security, international political economy, foreign policy, and international norms and institutions.

\section*{Requirements}
- 15 credit minor-Students are required to complete at least one course from Group A and at least one course from two of the other four categories (Groups B-E)
- Students can take no more than three courses from one department.
- Students must complete at least one 300 -level course to fulfill the requirements of the IR minor.
- No more than two courses from the student's major can be applied toward the IR minor.

Note: Though not a requirement for the IR minor, students are strongly encouraged to study a foreign language.

\section*{A. IR Theories and Approaches}

These courses teach students the skills necessary to think and write clearly about IR.

\section*{POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)}

\section*{GER}

3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 37700-Theories of International Politics (W)}

\section*{GER}

3/B

An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.
prereq: POLSC 11500 or 27000 or 27500 or 28200 or perm. instr.
coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{ECO 20000-Principles of Microeconomics}

\section*{Hunter Core}

Scientific World (SW)
GER
2/B

May be taken prior to or concurrently with ECO 20100. Determination of prices and quantities of goods and services, including labor and other resources; competitive and imperfect markets; public policy implications.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr.

\section*{ECO 20100 - Principles of Macroeconomics}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

May be taken prior to or concurrently with ECO 20000. Economic growth; fluctuations in the aggregate economy; inflation; monetary and fiscal policy.
prereq: MATH 10100 or exemption from the course
3 hrs
3 cr .

\section*{GEOG 24400 - Political Geography}

\section*{GER}

3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.

3 hrs
3 cr .

\section*{B. Foreign Policy and Analysis}

These courses emphasize the foreign policies of countries or regions and research design and methods in IR.

\section*{POLSC 20600 - Research Design in Political Science (W)}

\section*{GER}

3/B
Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 27600-Global Issues (W)}

\section*{GER}

3/B

Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 27400-American Foreign Policy (W)}

GER
3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 37800 - Russian National Interest: Past and Present (W)}

\section*{Pluralism and Diversity}

PD/D
GER
3/B
In a contemporary, historical and comparative context, this course explores the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: ENGL 12000 or equiv; POLSC 11500 or POLSC 11700 or perm instr.
3 hrs
3 cr.

\section*{POLSC 38400 - Comparative Foreign Policy (W)}

An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.
prereq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; or permission of the instructor; may not be taken by students who have completed POLSC 373.14.
4 hrs.
4 cr.

\section*{ECO 22100 - Economic Statistics}

\section*{Hunter Core}

Mathematics and Quantitative Reasoning
GER
1/B

Probability and statistics in the context of economics, business and public policy; data analysis, probability distributions, and hypothesis testing.
prereq: MATH 12500 or exemption from the course
3 hrs
\(3 c r\).
POLSC 27100 - International Politics in the Americas (W)

Pluralism and Diversity
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
or

\section*{HIST 34100 - Topics in History}

\section*{GER}

3/B
Exploration of major trends, special controversies or significant events; topics vary each term.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{C. International Norms and Institutions}

These courses teach students how global cooperation has been achieved through the creation of international law, international norms, and international institutions.

\section*{POLSC 27800 - International Organizations (W)}

\section*{GER}

3/B
Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 28100 - Drugs, Politics and Public Policy (W)}

\section*{GER}

3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000
3 hrs
3 cr .
POLSC 37400 - International Human Rights (W)

GER
3/B

An examination of the origins, substance and processes of human rights in international relations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 37500 - International Law (W)}

\section*{GER}

3/B

The course will examine the sources, principles, functions, and effectiveness of international law. prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr.

\section*{POLSC 38300 - Power Transitions, the U.S. and World Order (W)}

\section*{GER}

3/B

An examination of global power transitions and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.
prereq: ENGL 12000 (or equivalent), one course in international relations
4 hrs
4 cr.

\section*{GEOG 33500 - International Pollution Issues}

\section*{GER}

3/B

A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
3 cr.

\section*{PGEOG 36100 - Global Climatic Change}

\section*{GER}

3/B

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500

3 hrs
3 cr .

\section*{D. International Political Economy}

These courses emphasize international trade, finance, and development.

\section*{POLSC 27500 - Politics of the Global Economy (W)}

\section*{GER}

3/B

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 37600 - International Political Economy (W)}

\section*{GER}

3/B

Examination of the intersection of politics and economics at the international level through a careful reading and analysis of dominant theoretical approaches and their application to central debates concerning the politics of trade, money and finance, development and globalization.
prereq: POLSC 11500 or 27000 or 27500; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
\(4 c r\).

\section*{GEOG 22100 - Economic Geography and Globalization}

GER
2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen prereq: GEOG 10100 or perm instr. 3 hrs

3 cr.
Offered fall and spring

\section*{GEOG 37000-Geography of Sustainable Development in Developing Countries}

\section*{Pluralism and Diversity \\ PD/A \\ GER \\ 3/B}

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr.

\section*{ECO 33000-Economic Development}

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr.

\section*{ECO 34000 - International Trade}

GER
3/B

Theories of international trade and international trade policies.
prereq: ECO 20000
3 hrs
3 cr .
ECO 34100 - International Finance

\section*{GER}

3/B

Theories of exchange-rate determination and open-economy macroeconomic theory and policy.
prereq: ECO 20100
3 hrs
3 cr.

\section*{SOC 36100 - Development and Modernization (W)}
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Pluralism and Diversity
PD/A
GER
3/B

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Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 30700-Migration}

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

\section*{GER}

3/B
Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

\section*{E. International Peace and Security}

These courses focus on peace, security, conflict, violence, war, and terrorism.

\section*{POLSC 28200 - International Security (W)}

\section*{GER}

3/B
An introduction to basic concepts and problems in the area of international security, this course will explore explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 28300 - Terrorism (W)

GER
3/B

The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.
prereq or coreq: ENGL 12000 or the equivalent
3 hrs
3 cr .

\section*{POLSC 37900 - War and Strategy (W)}

GER
3/B
An examination of strategy and wars between states, within states, and between states and transnational groups. Focuses on how strategy affects the avoidance, outbreak, conduct, and consequences of war and the difficulty of devising strategies that successfully link political ends and military means.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or the equivalent
4 hrs
\(4 c r\).

\section*{POLSC 38000 - European Security (W)}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/B}

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the \(21^{\text {st }}\) century.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
\(4 c r\).

\section*{POLSC 38200 - Causes of War (W)}

GER
3/B
An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.
prereq or coreq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
\(4 c r\).

\section*{Minor in Legal Studies}

The Legal Studies minor is an interdisciplinary course of study that allows students to examine the role and development of law from different perspectives within a liberal arts curriculum. Legal studies students will be introduced to the study of judicial opinions, theories of law and legal interpretation, the structure and role of legal institutions, and the operation of law in history and everyday life.

Law is a central feature of political, social, and economic life. The legal studies minor will prepare students embarking on careers in government, business, or the non-profit sector to think broadly and critically about the nature of law. It will also be extremely helpful for any students planning to pursue graduate study focusing on law or legal institutions, in a wide variety of disciplines. The legal studies program places an emphasis on developing students' communication skills, interdisciplinary scholarship and a commitment to connect undergraduate education to advanced career opportunities. The core of the legal studies minor, though, is a commitment to the study of law within the liberal arts tradition.

While there are many ways for students to prepare successfully for law school, an advantage of the legal studies minor is its ability to help the college identify students planning to apply to law school, to ensure that these students receive guidance on the application process as early as possible, and to give them a solid foundation when they enter law school.

\section*{Program Requirements}

\section*{15-credit minor}

Students are required to complete at least one course from within each of the three categories below. Students can take no more than three courses from one department.

No more than two courses from the student's major can be applied toward the Legal Studies minor. Courses used to fulfill the Legal Studies minor may be used to meet any other degree requirements, including the political science major. Students should be aware that courses listed for this minor may have prerequisites within their home departments.

\section*{Foundations of Legal Studies}

These courses teach students foundational knowledge and skills that are important for thinking and writing clearly about law.

\section*{PHILO 10300 - Introduction to Logic and Critical Thinking}

GER
2/C
Recognizing arguments; traditional logic including concepts, propositions, categorical, hypothetical and disjunctive syllogisms; argument structure, natural language argumentation, fallacies.
3 hrs

3 cr.
offered each semester

\section*{PHILO 10600 - Philosophy, Politics and Society}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr .
offered each semester

\section*{PHILO 17000 - Introduction to Logic and Scientific Method}

\section*{Hunter Core}

Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr .

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\section*{Hunter Core}

Flexible Core: US Experience in its Diversity
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{Legal Institutions and Legal Processes}

These courses emphasize the "law on the ground." They tend to present a more external analysis of the role and operation of legal institutions, actors, and norms.

\section*{POLSC 21900 - Women and the Law (W)}
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Pluralism and Diversity
PD/C
GER
3/B

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Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 23800 - The American Legal System (W)}

\section*{GER}

3/B
Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York law.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 24000 - The American Judiciary (W)}

\section*{GER}

3/B
The Supreme Court and other federal courts as part of policy-making process in American government. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 31000 - Comparative Legal Systems (W)}

\section*{GER}

3/B
Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.
prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent
3 hrs
\(3 c r\).
POLSC 37500 - International Law (W)

GER
3/B

The course will examine the sources, principles, functions, and effectiveness of international law.
prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor
3 hrs
\(3 c r\).

\section*{ASIAN 39002 - Asian American Civil Rights and the Law}
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Pluralism and Diversity
PD/B
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian
Americans.
3 hrs
3cr.
MEDIA 39400 - Mass Communications and the Law
GER
3/A
Relationship of mass media to significant constitutional problems.
prereq: MEDIA 18000
3 hrs
3cr.

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HIST 36400-American Constitutional History, 1783 to 1900

Pluralism and Diversity
PD/D
GER
3/B
Development of constitutional thought from the framing of the Articles of Confederation to 1900 .
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr .

\section*{SOC 31900 - Criminology}

GER
3/B
Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.
prereq: SOC 10100
3 hrs
3 cr .
SOC 32000 - Law, Society and Civil Rights

GER
3/B

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

\section*{The Theory and Practice of Legal Interpretation}

These courses emphasize the "law on the books," the way relative insiders, like legal theorists and judges, talk about the content of law. Courses in this category introduce students to judicial opinions as well as normative theories about the way law should be interpreted

\section*{POLSC 34000 - Constitutional Law: Organizing the Government (W)}

\section*{GER}

3/B

Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.
POLSC 34100 - Constitutional Law: Civil Rights (W)

GER
3/B

Constitutional problems and Supreme Court decisions regarding race and sex discrimination. prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .

\section*{POLSC 34200 - Constitutional Law: The First Amendment (W)}

\section*{GER}

3/B
Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .
ECO 37000 - Law and Economics

GER
3/B
Analytical tools of microeconomics are used to examine various aspects of the law, including property, contracts, torts,
liability, and criminal and family law.
prereq: ECO 20000
3 hrs
3 cr .

PHILO 25200 - Problems of Law and Morality

\section*{GER}

3/B

Philosophy of law and the relation of legal to ethical issues. prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr .
PHILO 34600 - Contemporary Theories of Justice (W)

\section*{GER}

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

\section*{Minor in Political Science}

Students minoring in political science must complete 12 credits in political science. No more than three credits can be at the 100 -level. No more than three credits in independent study (POLSC 29001-29003) can be used to satisfy the minor. Internship credits may not be applied toward the minor.

The minor in Political Science is designed to provide students with solid grounding in political science and to encourage them to develop depth in the discipline in an area that will complement their major or develop expertise in an area of particular interest to them.

The minor in Political Science allows students considerable flexibility in designing a minor that will best serve their academic goals. Students may, for instance, wish to focus on courses dealing with European politics and foreign policy to complement a major in a European language and culture. Students may concentrate their courses in one field of political science, or spread them across several fields. Students may consult an advisor in the Department of Political Science about their goals as they choose courses to satisfy the minor.

\section*{Political Science: Introductory Courses}

POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ GER}

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\author{
Hunter Core \\ Flexible Core: US Experience in its Diversity \\ GER \\ \(1 / \mathrm{C}\) or 2/B
}

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 11200 - Introduction to Political Theory (W)}

\section*{GER}

2/B

Selected writings of the great political thinkers. Recurrent problems of politics from Plato to the present. prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{Political Science: \(\mathbf{2 0 0}\) Level Core Courses}

\section*{POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)}

\section*{GER}

2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

\section*{POLSC 25000 - Comparing Countries (W)}

\author{
Hunter Core \\ Flexible Core: World Culture and Global Issues \\ Pluralism and Diversity \\ PD/A \\ GER \\ 3/B
}

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

\section*{POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)}

\section*{GER}

3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{Political Science: American Government and Politics}

\section*{POLSC 11000 - American Government: A Historical Introduction (W)}

\author{
Hunter Core \\ US Experience in its Diversity (USED) \\ GER \\ \(1 / \mathrm{C}\) or \(2 / \mathrm{B}\)
}

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 21100 - State Government and Politics (W)}

GER
3/B

Comparative analysis of state governments. Power and role of governors, state legislatures, parties, lobbies. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 21200 - Urban Politics (W)

GER
3/B

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 21300 - Political Parties and Elections (W)

\section*{GER}

3/B

Organization, campaigns, nominations, voting behavior, issues, finances, reforms.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 21500 - Public Opinion and Political Participation (W)}

\section*{GER}

3/B

What American people think about politics and how they express it, from polls to elections to demonstrations. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 21700 - Contemporary Issues in American Politics}

\section*{GER}

3/B

Selected topics in American politics and government.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 21800 - Women and Politics (W)}

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes. cross-listed WGSP 21800 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 21900 - Women and the Law (W)}

Pluralism and Diversity
PD/C
GER
3/B

Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 22100 - U.S. Immigration Policy (W)}

Pluralism and Diversity
PD/B -or- PD/C
GER
3/B

The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.
prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr .

GER
3/B

Analysis of the organization and role of interest groups in American politics. The course stresses the importance of organizational resources and the ability of interest groups to be "faithful advocates" of member interests in exercising influence in elections and policy-making.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

\section*{POLSC 22700 - Political Parties (W)}

GER
3/B
Theories, historical analysis, and contemporary views of the central institution that links citizens and office holders in the United States, with a focus on the role of parties as vehicles for expressing and pursuing policy goals.

Not open to students who completed POLSC 21400
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 22800 - Protest Movements in American Politics (W)}

\section*{Pluralism and Diversity \\ P/D B or C \\ GER \\ 3/B}

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

\section*{POLSC 23000 - The American Presidency (W)}

\section*{GER}

3/B

Selection, election, role, functions and powers of the president.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 23500 - The American Congress (W)

GER
3/B

Legislation and policy-making process. Congressional organization, functions and behavior. Lobbies, parties, leaders. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 23800 - The American Legal System (W)}

\section*{GER}

3/B

Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York law.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 24000 - The American Judiciary (W)}

GER
3/B
The Supreme Court and other federal courts as part of policy-making process in American government. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 24400 - Energy and Environmental Politics and Public Policy (W)}

\section*{GER}

3/B
Examination of political processes and public policies shaping energy production and consumption in the U.S. with comparative reference to other countries. Emphasis on political, economic, social, environmental and foreign policy aspects.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 27400 - American Foreign Policy (W)}

\section*{GER}

3/B
Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

GER
3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr.

\section*{POLSC 31700 - Contemporary Issues in American Politics}

\section*{GER}

3/B

Selected topics in American politics and government. cross-listed WGS 39800 is cross-listed with POLSC 31707 Community Leadership Seminar prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 32000 - Ethnic Politics (W)}

\section*{Pluralism and Diversity}

PD/B
GER
3/B

Ethnicity in local and national politics. Major groups, how they affect government, what government does for them. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 32100 - American Political Economy (W)}

\section*{GER}

3/B

Critical analysis of the distribution of power between the state and the private sector. Theories about the governmentbusiness relationship are tested through a series of case studies.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 32300 - Politics of Public Budgeting (W)}

\section*{GER}

3/B

This course sets the processes and techniques of public budgeting within the context of American political institutions at the national, state and local levels.
prereq: ENGL 12000 or the equivalent; two political science courses at the 200-level or above or permission of the
instructior
4 hrs
\(4 c r\).

\section*{POLSC 33000 - American Political Development (W)}

\section*{GER}

3/B

Analysis of the historical development of American politics, including: the impact of the Constitution, ideas, and political culture; state building/unbuilding in different historical eras; and the evolution of citizenship and political participation.
prereq: ENGL 12000 or its equivalent, POLSC 11000 or perm. inst
4 hrs
\(4 c r\).

\section*{POLSC 34000 - Constitutional Law: Organizing the Government (W)}

\section*{GER}

3/B

Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .

\section*{POLSC 34100 - Constitutional Law: Civil Rights (W)}

GER
3/B
Constitutional problems and Supreme Court decisions regarding race and sex discrimination.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .
POLSC 34200 - Constitutional Law: The First Amendment (W)

GER
3/B
Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr .
POLSC 34300 - Criminal Law (W)

GER
3/B

Constitutional problems and judicial decisions regarding search and seizure, right to counsel, self incrimination.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.
POLSC 34800 - Public Administration and Public Policy (W)

GER
3/B

Analysis of problems in policy-making and administration, focusing on motivations, ethics, authority. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{Political Science: Comparative Politics}

\section*{POLSC 25000 - Comparing Countries (W)}

\section*{Hunter Core \\ World Culture and Global Issues (WCGI) \\ Pluralism and Diversity \\ PD/A \\ GER \\ 2/B}

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include:
Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr .

\section*{POLSC 25100 - Politics of Africa, Asia and Latin America (W)}

GER
3/B
An examination of the nature of governance and politics in Africa, Asia and Latin America. Through in-depth study of several countries, students explore topics and concepts such as political culture, modernization, development, dependency, democracy, political leadership and the processes of policy making.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 25300 - Government and Politics in Latin America (W)

Pluralism and Diversity
PD/A
GER
3/B

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 25400 - Government and Politics in Western Europe (W)}

Pluralism and Diversity
PD/D
GER
3/B

Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 25500 - Government and Politics of Japan and Korea (W)}

Pluralism and Diversity
PD/A
GER
3/B

Political, social and economic institutions of Japan and Korea; their domestic politics and relations with the world.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 25700 - Government and Politics of China (W)}

Pluralism and Diversity
PD/A
GER
3/B

Chinese politics, institutions and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

GER
3/B

An examination of contemporary African politics using various social science theories, films and documentaries made by African filmmakers.
cross-listed AFPRL 29019, MEDIA 29975, FILM 21462
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 26100 - Globalization and Opposition Movements (W)}

GER
3/B

The environmental, social and political effects of economic globalization in less industrialized and in highly industrialized countries; reformist and radical critiques and neoliberal defenses; causes and consequences of opposition movements.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 26200-Government and Politics in Central America (W)}

Pluralism and Diversity
PD/A
GER
3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 26300 - Government and Politics in the Middle East (W)}
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Pluralism and Diversity
PD/A
GER
3/B
Introduction to Islamic societies and their politics with particular attention to cultures of region. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

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\section*{POLSC 26400 - Government and Politics of Israel (W)}

GER
3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 26500 - Government and Politics in Eastern Europe (W)}

Pluralism and Diversity
PD/D
GER
3/B

Political, social and economic institutions of individual Eastern Central European nations and their post-communist transitions.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 26700 - The Politics of Southern Africa (W)}

Pluralism and Diversity
PD/A
GER
3/B

Political, economic and social institutions in Zimbabwe, Kenya, Nigeria, Tanzania, South Africa, etc.
cross-listed AFPRL 29015
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 27200 - Contemporary Issues in Comparative Politics}

GER
3/B

Selected topics in comparative politics.
prereq: Any 100-level course on POLSC or perm instr.
3 hrs
3 cr .

\section*{POLSC 31000 - Comparative Legal Systems (W)}

GER
3/B

Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.
prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)}

Pluralism and Diversity
PD/D
GER
3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.
prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).
4 hrs
\(4 c r\).
POLSC 35100 - Government and Politics of Russia and the Post-Soviet States (W)

GER
3/B
Post-Soviet politics, institutions, social forces, economic transformations and regions.
prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.
3 hrs
3 cr .
POLSC 35200 - State and Society in Africa (W)

Pluralism and Diversity
PD/A
GER
3/B
An examination of the nature of the relationship between the African state and civil society in the post-independence period and how this relationship influences governance and democracy.
prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.
3 hrs
3 cr .

\section*{POLSC 35300 - Social Movements, Civil Society and the State in Latin America (W)}
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Pluralism and Diversity
P/D A
GER
3/A

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Analysis of the role of popular and opposition movements in Latin America and their relationship to the state, from the
challenges to the dictatorships of the 1970s through the contemporary neoliberal economic order and democratic polities.
prereq: ENGL 12000 or the equivalent; a course in comparative politics; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr.

\section*{POLSC 35600 - India's Democratic Experiment (W)}

\section*{Pluralism and Diversity \\ P/D A \\ GER \\ 3/B}

Assesses the nature and durability of India's democratic political system. Examines key events, personalities, institutions, and movements in Indian politics from Independence (1947) to the present. Focuses on the challenge of adapting democratic institutions to circumstances of extreme social diversity and economic deprivation. prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
\(4 c r\).

\section*{POLSC 36000 - Democracy \& Development in a Globalizing World (W)}

\section*{Pluralism and Diversity}

P/D A
GER
3/B

The relationship between democracy and development in post-colonial countries. Questions include: What relations of causality, in either direction, have political scientists sought to establish between democracy and development? What is the impact of globalization on these relations? How can historical analysis help to illuminate these and other issues, such as why some countries have been better at promoting per capita income growth than others? What efforts have been undertaken - by individual citizens, by civic groups, by aid donors - to plug the democratic deficits that arise in the course of pursuing development under \(21^{\text {st }}\) Century conditions?
prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr .

\section*{POLSC 37200 - Contemporary Issues in Comparative Politics}

\section*{GER}

3/B
Selected topics in comparative politics.
prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm instr.
3 hrs
3 cr .
POLSC 37800 - Russian National Interest: Past and Present (W)

Pluralism and Diversity
PD/D
GER
3/B

In a contemporary, historical and comparative context, this course will explore the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: POLSC 11500 or 11700 or 25000 or 27000 or perm instr.
coreq: ENGL 12000 or equivalent
3 hrs
3 cr .

\section*{Political Science: International Politics}

\section*{POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)}

\section*{GER}

3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 27100 - International Politics in the Americas (W)}
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Pluralism and Diversity
PD/A
GER
3/B

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Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations. cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 27300 - Contemporary Issues in International Politics}

GER
3/B

Special issues in international politics. Past topics included the international law of energy, world water resources, war. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 27400 - American Foreign Policy (W)}

\section*{GER \\ 3/B}

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 27500 - Politics of the Global Economy (W)}

\section*{GER}

3/B

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 27600 - Global Issues (W)

\section*{GER}

3/B

Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 27800 - International Organizations (W)}

\section*{GER}

3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent

3 hrs
3 cr .

\section*{POLSC 28000 - Women, War and Peace (W)}

Pluralism and Diversity
PD/C
GER
3/B

The course examines the roles that women have played as subjects and objects in war and peace.
cross-listed WGSP 26200 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 28100 - Drugs, Politics and Public Policy (W)}

\section*{GER}

3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{POLSC 28200 - International Security (W)}

\section*{GER}

3/B

An introduction to basic concepts and problems in the area of international security, this course will explore explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 28300-Terrorism (W)}

\section*{GER}

3/B

The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.
prereq or coreq: ENGL 12000 or the equivalent
3 hrs
3 cr.

\section*{POLSC 37300 - Contemporary Issues in International Politics}

\section*{GER}

3/B

Selected topics in international politics.
prereq: ENGL 12000 or its equivalent; POLSC 27000 or 11500 (prior to 9/2010)
3 hrs
3 cr .

\section*{POLSC 37400 - International Human Rights (W)}

\section*{GER}

3/B

An examination of the origins, substance and processes of human rights in international relations.
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 37500 - International Law (W)}

GER
3/B
The course will examine the sources, principles, functions, and effectiveness of international law. prereq: ENGL 12000 and POLSC 27000 or POLSC 27500 or POLSC 27800 or POLSC 282 or permission of instructor 3 hrs
3 cr .

\section*{POLSC 37600 - International Political Economy (W)}

\section*{GER}

3/B

Examination of the intersection of politics and economics at the international level through a careful reading and analysis of dominant theoretical approaches and their application to central debates concerning the politics of trade, money and finance, development and globalization.
prereq: POLSC 11500 or 27000 or 27500; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent
4 hrs
\(4 c r\).

\section*{POLSC 37700 - Theories of International Politics (W)}

GER
3/B
An examination of the central concepts and issues in international politics that underpin the main theoretical debates in
the field.
prereq: POLSC 11500 or 27000 or 27500 or 28200 or perm. instr.
coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

\section*{POLSC 37800 - Russian National Interest: Past and Present (W)}

\author{
Pluralism and Diversity \\ PD/D \\ GER \\ 3/B
}

In a contemporary, historical and comparative context, this course explores the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: ENGL 12000 or equiv; POLSC 11500 or POLSC 11700 or perm instr.
3 hrs
3 cr.

\section*{POLSC 37900 - War and Strategy (W)}

GER
3/B

An examination of strategy and wars between states, within states, and between states and transnational groups. Focuses on how strategy affects the avoidance, outbreak, conduct, and consequences of war and the difficulty of devising strategies that successfully link political ends and military means.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or the equivalent
4 hrs
4 cr.

\section*{POLSC 38000 - European Security (W)}

Pluralism and Diversity
PD/D
GER
3/B

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the \(21^{\text {st }}\) century.
prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 or its equivalent

4 hrs
\(4 c r\).

\section*{POLSC 38100 - East Asia in World Politics (W)}
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Pluralism and Diversity
PD/A
GER
3/B

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An examination of sources of stability and instability in East Asia, using social science theories and historical background.
prereq: ENGL 12000 or its equivalent; POLSC 27000 or perm instr.
3 hrs
3 cr .

\section*{POLSC 38200 - Causes of War (W)}

\section*{GER}

3/B

An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.
prereq or coreq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr.

\section*{POLSC 38300 - Power Transitions, the U.S. and World Order (W)}

\section*{GER}

3/B

An examination of global power transitions and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.
prereq: ENGL 12000 (or equivalent), one course in international relations
4 hrs
4 cr .

\section*{POLSC 38400 - Comparative Foreign Policy (W)}

An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.
prereq: ENGL 12000 or the equivalent; POLSC 27000 or POLSC 28200; or permission of the instructor; may not be taken by students who have completed POLSC 373.14.
4 hrs.
\(4 c r\).

\section*{Political Science: Political Theory}

\section*{POLSC 11200 - Introduction to Political Theory (W)}

GER
2/B

Selected writings of the great political thinkers. Recurrent problems of politics from Plato to the present. prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.
POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

Hunter Core
Individual and Society (Social Sciences) -I\&S SS
GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr .
POLSC 20100 - Ancient to Early Modern Political Thought (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20200 - Modern Political Thought (1600-1900) (W)}

Pluralism and Diversity
PD/D
GER
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent

3 hrs
3 cr .

\section*{POLSC 20300 - Political Thought Since 1900 (W)}
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Pluralism and Diversity
PD/D
GER
3/B

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Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
3 hrs
\(3 c r\).

\section*{POLSC 20400 - Contemporary Issues in Political Theory}

\section*{GER}

3/B
Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority. POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20600 - Research Design in Political Science (W)}

\section*{GER}

3/B
Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 20700 - Data Analysis in Political Science (W)}

\section*{GER}

3/B
Computer applications and statistical analysis in political science. Students write a quantitative term paper. Uses Social Science Data Lab.
prereq: POLSC 20600 or perm instr.
3 hrs
\(3 c r\).
POLSC 20900 - Women and Gender in Western Political Thought (W)
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Pluralism and Diversity
PD/C or D
GER
3/B
Examines history of political thought from the perspective of gender relations and the treatment of women.
cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3cr.

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\section*{POLSC 30100 - American Political Thought (W)}

GER
3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr .

POLSC 30200-Critical Theory and Politics (W)

GER
3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation. prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor.
4 hrs
4 cr .

\section*{POLSC 30300 - Democracy and Emergency (W)}

\section*{GER}

3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
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prereq: ENGL 12000

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4

POLSC 30400 - Contemporary Issues in Political Theory

GER
3/B

Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr.

\section*{POLSC 30500 - Democratic Theory (W)}

\section*{GER}

3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{POLSC 30700 - Theory of Revolution}

\section*{GER}

3/B

Traditional and modern revolutions. Conditions and objectives of socialist and communist revolutions.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{POLSC 30900 - Feminist Political Theory (W)}

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{POLSC 31100 - Utopian Theory (W)}

\section*{GER}

3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.

3 hrs
3 cr .

\section*{POLSC 31600 - Political Theory of Human Rights (W)}

\section*{GER}

3/B
A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice. prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr .

\section*{Political Science: Independent Study, Honors, Advanced Seminars}

\section*{POLSC 29001-29003 - Independent Study in Political Science}

GER
3/B

Students may take independent study only with full-time members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.
prereq: at least one course in appropriate field, perm dept.
1-3 cr

\section*{POLSC 29102-29103 - Directed Research (W)}

This course is designed to teach individual students how to do research under the direction of a full-time faculty member. Students will participate in ongoing faculty research, and may do independent reading, library research, data collection and data analysis. The course will culminate in a research paper, literature review, or co-authored conference paper submitted for publication. Students will gain an understanding of the research methods utilized in the project, will gain hands-on experience in basic research, and will learn how to write the a research report with extensive feedback from their faculty supervisor.
prereq or coreq: ENGL 12000 or the equivalent; minimum of 60 credits and 15 credits in political science or permission of a full-time faculty supervisor.
2 or 3 hrs
2 or 3 cr.

\section*{POLSC 48000 - Seminar in Selected Problems of Political Science}

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Advanced seminar on selected topics.
prereq: perm dept.
3 hrs
3 cr .

\section*{POLSC 48600 - Senior Colloquium}

Advanced seminar. Major project and/or paper required.
prereq: perm. dept.
3 hrs
3 cr .

\section*{POLSC 49202-49203 - Honors Independent Study in Political Science}

Students may take independent study honors projects only with full-time faculty members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.
prereq: at least one course in appropriate field, perm dept.
2-3 cr.

\section*{POLSC 49300 - Conducting and Presenting Political Science Research}

This course is designed to refine students' existing research skills so they can complete their honors theses. Concepts covered will include, but not be limited to literature reviews, finding sources, defining a topic, framing scholarly questions, developing hypotheses, using empirical evidence, citation, and presentation skills. Concurrent enrollment in POLSC 492 is required.
coreq: POLSC 49200
1 hr
1 cr .

\section*{Political Science: Experiential Courses}

\section*{POLSC 22200/22300 - Seminar/Internship in New York City Government}

Practical experience in city government and politics. Weekly seminars, monthly university-wide meetings.
Students are advised to have completed at least 60 overall credits and 12 to 15 political science credits with at least one course in the field in which they are interested in taking the internship. Students should have at least a 3.0 grade point average in political science before applying.
prereq: perm dept.
4 hrs
\(4 c r\).

\section*{POLSC 29200 - Topics in Political Science}

Topics in Political Science provides students the opportunity to apply their knowledge of political science through a variety of experiential learning activities. Students may take each Topics in Political Science one time.
prereq: ENGL 12000
1 hr .
1 cr .

\section*{POLSC 29400 - Topics in Political Science}

Topics in Political Science provides students the opportunity to apply their knowledge of political science to real-world political issues and settings. Students may take each Topics in Political Science one time.
prereq: ENGL 12000
3 hrs.
3 cr .

\section*{POLSC 29801-29806 - Internship in Political Science}

Students may take independent study internships only under the supervision of full-time members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.
prereq: at least one course in appropriate field, perm dept.
1-6 cr.

\section*{Programs and Courses in Psychology}

\section*{Psychology}

\section*{About the Department}

Department Description

\section*{Programs and Courses}

Programs and Courses in Psychology

\section*{Administration and Faculty}

\section*{Department Office:}

Room: 611 North
Phone: (212) 772-5550
Web site: http://www.hunter.cuny.edu/psychology
Chair:
Christopher Braun
Room: 611 North
Phone: (212) 772-5550
psychadv@hunter.cuny.edu

\section*{Faculty}

\section*{Undergraduate Major}

\section*{Psychology - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core}

English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B
An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{MATH 12500 (STEM) - Precalculus}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

4 hrs
4 cr .
-Or-

\section*{STAT 11300 - Elementary Probability and Statistics}

\section*{Hunter Core}

Math/Quantitative Reasoning

\section*{GER}

1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Exemptions}

A student may be exempt from PSYCH 10000 by earning a score of 4 or 5 on the Advanced Placement Test taken in conjunction with a high school course in psychology or by passing the CLEP examination (College Level Education Program). Exemption from Child Psychology (PSYCH 21000) may be earned by a passing grade on the CLEP examination in Developmental Psychology. CLEP examinations are given at various testing centers. Interested students can obtain information and application forms at http://www.collegeboard.com or by contacting the Office of Student Services. A passing grade on either CLEP examination provides 3 credits. Information on exemption from the mathematics course requirement and on test administration is available from the Testing Center, North 150 (http://admissions.hunter.cuny.edu/Testing.htm).

\section*{The Psychology Major}

\section*{Preparation}

The psychology major is designed to provide students with training in both the evaluation and the generation of research data. For this reason, the core sequence of Psychological Statistics and Experimental Psychology is central to the program and is a prerequisite for all upper-level psychology courses. Performance in the Psychological Statistics/Experimental Psychology sequence will be greatly facilitated by proper preparation in mathematics and laboratory science and the development of excellent writing skills.

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

\section*{PSYCH 24900 - Experimental Psychology: Social}

GER
3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250 , but not both.)

Writing Intensive
PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYC 24800 with a minimum grade of \(C\)
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive

\section*{Course of Study}

Completion of ENGL 12000 prior to declaration of the major in psychology is strongly recommended. ENGL 12000 is a pre or co-requisite for all 200 -level classes below 24900 . For any classes numbered 24900 and above, ENGL 12000 is a prerequisite. Students whose career goals include professional work in psychology, social work, or counseling should take the following courses, as appropriate. Note that each may be used only once to satisfy major requirements.

\section*{PSYCH 20100 - Independent Study in Psychology}

May be taken two times but will be applied to major only once. Designed to meet the needs of individual students under the direction of a particular faculty sponsor. The course may involve independent readings, tutorials, work as an advising assistant or peer counselor, field placement, an individual research project, or participation in ongoing faculty research, any of these culminating in a written report.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 30600 - Seminar in Psychological Services I (A)}

Open to declared majors only. An integration of personality and abnormal psychology, the helping process and the role of the helper. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 2200 or 32300 , PSYCH 24900 or 25000 , perm instr.
8 hrs
4 cr .

\section*{PSYCH 30700 - Seminar in Psychological Services II (A)}

Integration of personality and abnormal psychology. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000, PSYCH 30600, perm instr.
3 hrs
3 cr .

\section*{PSYCH 39500 - Independent Research in Psychology}

May be taken two times, but will apply to the major only once. Designed to meet the needs of individual students under the direction of a particular instructor at a more advanced level than PSYCH 20100. Such study may involve
independent reading, tutorials, independent research projects, or participation in ongoing faculty research, any of these culminating in an APA-style research report or literature review. Field Placements (internships) cannot be granted credit as PSYCH 39500; however, supervised field Placement taken in conjunction with PSYCH 36100 - Psychological Tests (A) will be granted credit as PSYCH 39500.
prereq: ENGL 12000, PSYCH 24900 -or- 25000, perm instructor and department
3 hrs
3 cr .
-or-

\section*{PSYCH 39600 - Honors in Psychology}

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors. prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
3 cr.

\section*{Declaration of Major}

To declare a psychology major, the student must have completed Introduction to Psychology (PSYCH 10000) and any other 100-level psychology course with a minimum grade of B , a required mathematics course with a minimum grade of C or CR and have a minimum GPA of 2.00 . The mathematics requirement may be satisfied by the following, or by earning exemption from the mathematics requirement. The major must be declared in person with an undergraduate psychology adviser. (Refer to website http://hunter.cuny.edu/psychology for schedule.) The student must bring his/her Hunter transcript (and where relevant, transcripts from all other colleges attended) when meeting with the adviser to declare a psychology major.

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

\section*{MATH 12500 (STEM) - Precalculus}
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Hunter Core
Math/Quantitative Reasoning
GER
1/B

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Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

\section*{Psychology Major}
- The major consists of 26 credits in psychology above the 100 level, including PSYCH 24800 - Statistical Methods in Psychological Research and PSYCH 24900 - Experimental Psychology: Social or PSYCH 25000 - Experimental Psychology: General. The major also requires at least one course in each of the following content areas:

\section*{Applications of Psychology (A):}
- PSYCH 22100 - Psychoanalytic Theories (A; D/S)
- PSYCH 22300 - Abnormal Psychology (A; D/S)
- PSYCH 24000 - Applications of Psychology (A)
- PSYCH 24200 - Health Psychology (A)
- PSYCH 30600 - Seminar in Psychological Services I (A)
- PSYCH 30700 - Seminar in Psychological Services II (A)
- PSYCH 32300 - Developmental Psychopathology (A; D/S)
- PSYCH 32800 - States of Consciousness (A/C)
- PSYCH 34000 - Industrial and Organizational Psychology (A)
- PSYCH 34100 - Stress, Trauma, and Resilience (A)
- PSYCH 34200 - Emotion: Function and Dysfunction (A)
- PSYCH 34400 - Clinical Psychology (A)
- PSYCH 36100 - Psychological Tests (A)
- PSYCH 36200 Psychological Determinants of Health Disparities (A; D/S)
- PSYCH 36300 Health Behavior Change (A; D/S)
- PSYCH 36400 Sexuality and Health (A)
- PSYCH 36500 Coping with Chronic Disease (A; D/S)
- PSYCH 36600 Interpersonal Relationships and Health (A; D/S)
- PSYCH 38400 Current Topics in Developmental Psychology (A; D/S)
- PSYCH 38600 Current Topics in Clinical Psychology (A)
- PSYCH 38700 Current Topics in Health Psychology (A; DS)

\section*{Biopsychology (B):}
- PSYCH 22400 - Neuroscience (B)
- PSYCH 22500 - Ethology: Animal Behavior (B)
- PSYCH 30000 - Physiological Psychology (B)
- PSYCH 30100 - Sensation and Perception (B; C)
- PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)
- PSYCH 31600 - Cognitive Neuroscience (B/C)
- PSYCH 32000 Neuronal Basis of Behavior (Neuroethology) (B)
- PSYCH 32100 - Animal Orientation: Function and Mechanisms (B)
- PSYCH 32400 - Communication Behavior (B/C)
- PSYCH 32500 - Animal Cognition (B/C)
- PSYCH 32700 - Motivation and Emotion (B; C)
- PSYCH 36700 Biological and Social Bases of Addictive Behavior (B)
- PSYCH 36900 - Behavioral Pharmacology (B)
- PSYCH 38100 Current Topics in Animal Behavior (B)
- PSYCH 38200 Current Topics in Biopsychology (B)

\section*{Cognitive Processes (C):}
- PSYCH 24300 - Cognitive Processes (C)
- PSYCH 30100 - Sensation and Perception (B; C)
- PSYCH 31000 - Research Methods in Developmental Psychology (C; D/S)
- PSYCH 31600 - Cognitive Neuroscience (B/C)
- PSYCH 32200 - Psychology of Language (C)
- PSYCH 32400 - Communication Behavior (B/C)
- PSYCH 32500-Animal Cognition (B/C)
- PSYCH 32700 - Motivation and Emotion (B; C)
- PSYCH 32800 - States of Consciousness (A/C)
- PSYCH 32900 - Cognitive Science (C)
- PSYCH 33000 - Memory and Attention (C)
- PSYCH 33100 - Social Cognition of Gender (C)
- PSYCH 35000 - Learning (C)
- PSYCH 37000 - Cognitive Development (C; D/S)

\section*{Developmental/social psychology (D/S) :}
- PSYCH 21000 - Child Development (D/S)
- PSYCH 21200 - Exceptional Childhoods (D/S)
- PSYCH 22000 - Personality (D/S)
- PSYCH 22100 - Psychoanalytic Theories (A; D/S)
- PSYCH 22300 - Abnormal Psychology (A; D/S)
- PSYCH 23000 - Social Psychology (D/S)
- PSYCH 23500 - The Psychology of Women (D/S)
- PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)
- PSYCH 31000 - Research Methods in Developmental Psychology (C; D/S)
- PSYCH 31300 - Adolescence (D/S)
- PSYCH 31500 - Adult Development (D/S)
- PSYCH 32300 - Developmental Psychopathology (A; D/S)
- PSYCH 33100 - Social Cognition of Gender (D/S)
- PSYCH 33200 - Attitudes and Persuasion (D/S)
- PSYCH 33300 - Advanced Social Psychology Theory and Methods (D/S)
- PSYCH 33400 - Cultural Psychology (D/S)
- PSYCH 35500 - Ethnic and Cultural Identity Theories (D/S)
- PSYCH 36200 Psychological Determinants of Health Disparities (A; D/S)
- PSYCH 36300 Health Behavior Change (A; D/S)
- PSYCH 36500 Coping with Chronic Disease (A; D/S)
- PSYCH 36600 Interpersonal Relationships and Health (A; D/S)
- PSYCH 37000 - Cognitive Development (C; D/S)
- PSYCH 38400 Current Topics in Developmental Psychology (A; D/S)
- PSYCH 38500 Current Topics in Social Psychology D/S
- PSYCH 38700 Current Topics in Health Psychology (A; DS)
(If a course meets requirements for more than one content area, the student may apply the course to only one of them.) All of the content-area courses must be at or above the 200 level and at least 2 of the content-area courses must be at or above the 300 level. Two additional (elective) courses in psychology, at the 200 level or higher, must be completed. Two semesters of laboratory science must also be completed. (See the Science Requirement for Graduation below.)

Qualified undergraduates in their last semester may register for graduate-level psychology courses with the permission of the instructor and the graduate adviser. Most psychology majors intending to attend graduate school take more than the minimum 26 credits in psychology and design their course of study in close consultation with a faculty mentor. Students should obtain a copy of "Psychology Major Requirements and Policies" from the undergraduate advising office as soon as they declare the major for up-to-date information on department resources, activities and faculty research interests.

Beginning in the spring 1998 semester, psychology courses taken on a Credit/No Credit basis may not be applied toward the major; PSYCH 24800, PSYCH 24900, PSYCH 25000 may not be taken on a Credit/No Credit basis.

\section*{Courses Taken on Permit and Courses Transferred into Hunter}

Once the psychology major is declared, students may not take any psychology course that they wish to count toward the major on permit at another college. In contrast, psychology courses that were taken before the student enrolled at Hunter and that are deemed equivalent to a Hunter College course may count toward the major. The assessment of course equivalency is made by the Office of Admissions and by the undergraduate psychology advising office.

\section*{Prerequisites}

Course prerequisites are strictly enforced. Students are responsible for meeting all course prerequisites, including satisfactory completion of courses in progress at the time of enrollment. Students enrolling in courses without necessary prerequisites will be dropped from the class by the registrar. The department screens for prerequisites and students may be dropped after the course begins. (See specific prerequisites for each course in Course Listings section.)

Prerequisites for PSYCH 24800 - Statistical Methods in Psychological Research. All students must have received at least a C or CR in STAT 11300 or MATH 12500 (STEM) or earned mathematics exemption and must have declared psychology as their major in the Psychology Department Advising Office at Hunter.

Prerequisites for PSYCH 24900 - Experimental Psychology: Social and PSYCH 25000 - Experimental Psychology: General. All students must be declared Psychology majors and have passed ENGL 12000 with C or higher, STAT 11300 or MATH 12500 with C or higher (or earned mathematics exemption), PSYC 24800 with C or higher, and 1 semester of laboratory science (see Science Requirement for Graduation, below).

As of fall 2011, only PSYCH 25000 will be offered

\section*{Science Requirement for Graduation}

In order to graduate, psychology majors must have completed two semesters in laboratory science that were approved by the department. Students must take at least one semester of laboratory science before taking PSYCH 24900 or PSYCH 25000 . Students may complete the laboratory science courses at any point in their studies, and the courses need not be taken in sequence. The science requirement may be met by any of the following courses, all of which meet the General Education Requirement Stage 2/E, Laboratory Science, requirement:

\section*{ANTHP 10100 (STEM) - Human Evolution}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)

\section*{GER}

2/E
The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr .
offered every sem.

\section*{ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises}

\section*{GER}

2/E with lab
An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.
5 hrs
\(4 c r\).

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D

\section*{GER}

2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1 hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only

\section*{BIOL 12500 (STEM) - Human Biology}

\author{
Hunter Core \\ Life and Physical Sciences (LPS); Scientific World (SW) \\ GER \\ 2/E w/ lab
}

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and
nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr .
spring only

\section*{CHEM 10000 (STEM) - Essentials of General Chemistry Lecture}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 10100 - Inquiries into the Nature of Matter}

\author{
Hunter Core \\ Life and Physical Sciences (LPS) \\ GER \\ GER 2/E
}

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr.

\section*{CHEM 10200 (STEM) - General Chemistry I}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E
}

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec )
4 cr .

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

\section*{CHEM 11100 (STEM) - Chemical Principles}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500 or equiv, MATH 12600
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

\section*{CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\section*{Hunter Core}

Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
cr.

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\title{
CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory
}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr .

\section*{GEOL 10000 - Introductory to Geology}

\section*{Hunter Core}

Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

\section*{GEOL 10200 - Plate Tectonics and the Earth's Evolution}

\section*{GER}

2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr .
Offered fall.

\section*{PGEOG 13000 (STEM) - Weather and Climate}
```

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

```

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: \$5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

\section*{PGEOG 23100 - Physical Geography II: Principles of Geomorphology}

See GEOL 23100

\section*{PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)

\section*{GER}

2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12500; pre-calculus or equiv. By math dept. exam.
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra. prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr .

\section*{Additional Information}

For transfer students, the laboratory science requirement may be met by courses taken at previous institutions only if they have been assigned the Hunter College course numbers in the above list. Transfer students should check with the
psychology adviser after their courses have been formally evaluated by Hunter College to determine whether the science requirement has been met.

Note: Students who declared a psychology major before January 1, 1998 are exempt from the science requirement within the Department of Psychology.

\section*{Special Programs}

\section*{Field Placement Program}

Offered for one semester (PSYCH 30600) or as a 2-semester sequence, Psychological Services I and II (PSYCH 30600 and PSYCH 30700) give enrolled students practical supervised career experience one day per week in an approved mental health or community service setting in conjunction with a class that meets once each week. Students may also gain field experience in conjunction with academic work through Independent Study (PSYCH 20100) with a faculty sponsor. Permission of the instructor is required for these courses and students should start making arrangements by the preceding term before they plan to take the course (e.g., midspring for the fall term). The undergraduate adviser can inform students of the instructor who will be teaching PSYCH 30600 and PSYCH 30700, for which field placement referrals are made by the instructor. Students wishing to take PSYCH 20100 in conjunction with a field experience should meet with the college internship coordinator (by appointment in Career Development, Room 805 Hunter East) and with prospective faculty sponsors.

\section*{The DIDARP Program (Diversity Institutional Drug Abuse Research Development Program)}

The overall goal of DIDARP is to develop the capacity of Hunter College to support drug abuse research through the following objectives: (1) provide faculty from diverse populations with drug abuse research knowledge and skill development through the conduct of research projects and other professional development activities, (2) encourage students from diverse populations to pursue drug abuse research careers by providing them with educational enrichment and research experiences; and (3) strengthen the underlying institutional infrastructure needed to support drug abuse research. Undergraduate students supported by DIDARP are highly qualified students from underrepresented populations. They must be interested in pursuing careers in drug abuse research and in working in the laboratory of a DIDARP investigator.

\section*{BP-ENDURE}

The Blueprint Program for Enhancing Neuroscience Diversity through Undergraduate Education is designed to identify exceptionally talented undergraduates and prepare them to obtain doctoral degrees in neuroscience-related fields of study. The program offers specialized neuroscience courses, summer research experiences, and mentoring from senior faculty. For additional information, please visit http://www.bpendure.org

\section*{Minor}

As of the spring of 2009, Hunter no longer requires that students have a minor. Those students wishing to do a minor should go directly to the department in which they are interested in doing a minor and declare it with that department.

\section*{Minor in Psychology}

\section*{Declaring a Minor in Psychology}

The minor in psychology is designed to expose students to a variety of content areas in the field of psychology and to provide the student with the ability to evaluate psychological research as a consumer.

To declare a psychology minor, the student must have completed PSYCH 10000 and any other 100-level psychology course with a minimum grade of C and a required mathematics course with a minimum grade of C or CR . The mathematics requirement may be satisfied by STAT 11300 or MATH 12500 (STEM), or by an appropriate score on the mathematics placement test.

The minor in Psychology consists of 15 credits in Psychology as follows:

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.
- Another 3-credit 100-level PSYCH course

\section*{PSYCH 21500 - Introduction to Research Methods in Psychology (W)}

\section*{GER}

3/B

Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
- Two 200-level PSYCH courses below PSYCH 24800
- NOTE: The total number of credits to fulfill all minor requirements, including credits for all prerequisites is 18. Fifteen credits in PSYCH courses and 3 credits in STAT 11300 or MATH 12500.

\section*{Concentration}
- Psychology: Concentration in Behavioral Neuroscience

\section*{Psychology: Concentration in Behavioral Neuroscience}

\section*{Purpose}

The Behavioral Neuroscience Concentration within Psychology provides interdisciplinary training for students preparing for academic or professional careers in neuroscience-related areas. The concentration brings together students from Psychology and Biology in a set of core courses and offers mentored research experience in faculty laboratories, opportunities for student research presentations and talks by distinguished visiting neuroscientists. The neuroscience
concentration is a particularly good option for students who plan to do graduate study in neuroscience or neurosciencerelated fields or attend medical school for neurology, neurosurgery, or psychiatry specialties. Because of the large number of required courses in the concentration, it is very important that interested students meet with the concentration adviser as early in their college career as possible-no later than the start of their Sophomore year. The concentration adviser is Prof. Philip Zeigler, ((212) 772-5363; Room 626 Hunter North).

\section*{Admission Requirements}

Admission is by application at the end of the sophomore year. Applicants will need to have completed or be currently taking the following courses with a minimum GPA overall of 3.0 and of 3.5 in the major. Selection will be based upon a combination of grades and an interview, and the identification of a faculty sponsor in whose laboratory the student's research will be carried out. Application forms and names of faculty contacts may be obtained from the Psychology adviser's office.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}
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Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

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In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec )
4 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr.

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{PSYCH 18000 - Brain and Behavior}

\section*{GER}

2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{PSYCH 24800 - Statistical Methods in Psychological Research}

\section*{GER}

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

\section*{Course Requirements for the Undergraduate Concentration in Behavioral Neuroscience}

In addition to completion of the psychology major and the introductory sequences in chemistry and biology, students in the concentration will take the introductory course in calculus, additional courses in biology and chemistry and an interdisciplinary Behavioral Neuroscience Seminar. A year of laboratory research is required and an undergraduate thesis based on this research will be eligible for consideration for Departmental Honors. Completion of the concentration meets the requirements for the minor in Biology. For continuation in the concentration, students must maintain the GPA required for entry.

\section*{Required Courses/Credits}

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

\section*{BIOL 10000 (STEM) - Principles of Biology I}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: MATH 12500, CHEM 10200
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
spring only

\section*{BIOL 10200 (STEM) - Principles of Biology II}

\section*{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: \$5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or equiv.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr .
fall only

\section*{CHEM 10200 (STEM) - General Chemistry I}

\section*{Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ GER \\ 2/E}

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
prereq or coreq: MATH 12500, 15000 or equiv.
5 hrs (4 lec, 1 rec)
4 cr.

\section*{CHEM 10300 (STEM) - General Chemistry Laboratory I}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E

Study of experiments designed to illustrate fundamental laws and techniques of chemistry.

Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100 .
prereq or coreq: CHEM 10200
4 hrs (3 lab, 1 rec)
1.5 cr .

\section*{CHEM 10400 (STEM) - General Chemistry II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better or CHEM 10000 with perm chair
5 hrs (4 lec, 1 rec)
4 cr .

\section*{CHEM 10500 (STEM) - General Chemistry Laboratory II}

\section*{Hunter Core}

Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr .

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\section*{Hunter Core}

Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).
PSYCH 18000 - Brain and Behavior

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{CHEM 22200-Organic Chemistry Lecture I}

\section*{GER}

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10400 with a grade of C or better
5- 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

PSYCH 25000 - Experimental Psychology: General

GER
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

\section*{PSYCH 39600 - Honors in Psychology}

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors. prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
\(3 c r\).

\section*{PSYCH 39800 - Honors in Psychology}

Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: PSYCH 39600, perm instr.
3 hrs
3 cr .

\section*{BIOL 47100 - Special Topics in Biology}

\section*{GER}

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

\section*{Electives}
( 9 credits, at least 3 of which must be Biology)

\section*{PSYCH 30000 - Physiological Psychology (B)}

\section*{GER}

3/B

Neural and endocrine mechanisms involved in learning, emotion, perception and other psychological processes. PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 30100 - Sensation and Perception (B; C)}

\section*{GER}

3/B

Open to declared majors only. Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)

Pluralism and Diversity
PD/C
GER
3/B

Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 32700 - Motivation and Emotion (B; C)}

\section*{GER}

3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the
previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 36900 - Behavioral Pharmacology (B)}

\section*{GER}

3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.
prereq: ENGL 12000,. PSYCH 24900 or 25000, PSYCH 30000 or perm instr.
3 hrs
3 cr.

\section*{BIOL 37000 - Physiology of the Nervous System}

\section*{GER}

3/B

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.
prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only

\section*{BIOL 37600 - Endocrinology}

\section*{GER}

3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

\section*{BIOL 38000 - Molecular Neurobiology}

GER
3/B

Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

\section*{Additional Information}

For questions or further information see the concentration adviser: Prof. P. Zeigler, tel: (212) 772-5363, hzeigler@hunter.cuny.edu

\section*{Undergraduate Minor}

\section*{Minor in Psychology}

The minor in psychology is designed to expose students to a variety of content areas in the field of psychology and to provide the student with the ability to evaluate psychology research as a consumer. To declare a psychology minor, the student must have completed any 100 -level psychology course with a minimum grade of C and a required mathematics course with a minimum grade of C or CR . The mathematics requirement may be satisfied by STAT 11300 or MATH 12500 or by an appropriate score on the mathematics placement test. The minor in Psychology consists of 15 credits in Psychology, as follows:PSYCH 10000 and any other 3 cr. PSYC course; PSYCH 21500 ; and any 2 200-level PSYC courses below PSYCH 24800. The total number of credits to fulfill all minor requirements, including credits for all prerequisites, is 18: 15 credits in PSYC course and 3 credits in STAT 11300 or MATH 12500.

\section*{Psychology}

\section*{PSYCH 10000 - Introduction to Psychology}

\section*{GER}

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr .

\section*{PSYCH 14000 - Psychological Adjustment}

\section*{GER}

2/B
Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment. prereq: PSYC 10000
3 hrs
\(3 c r\).

\section*{PSYCH 15000 - Human Development}

\section*{GER}

2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage. prereq: PSYC 10000
3 hrs
3 cr .

PSYCH 16000 - Evolution and Behavior

\section*{GER}

2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{PSYCH 17000 - Psychology of Human Sexuality}

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr .

\section*{PSYCH 17100 - Stress and Coping (A;B)}

A theoretical and practical introduction to stress processes and coping behaviors. The course explores the social, biological, behavioral, and clinical theories that guide our understanding of stress and coping and translated into testable interventions for managing stress and mitigating its negative effects.
prereq: PSYCH 10000
3 hrs
3 cr .

PSYCH 18000 - Brain and Behavior

GER
2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory,
consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{PSYCH 19000 - Development of Gender Roles}

Pluralism and Diversity
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
3 cr .

\section*{PSYCH 19500 - Special Topics in Psychology I}

\section*{GER}

2/B

Readings and discussions on a selected problem or topic area. Topics vary from semester to semester.
prereq: PSYC 10000
3 hrs
3 cr .

\section*{PSYCH 20100 - Independent Study in Psychology}

May be taken two times but will be applied to major only once. Designed to meet the needs of individual students under the direction of a particular faculty sponsor. The course may involve independent readings, tutorials, work as an advising assistant or peer counselor, field placement, an individual research project, or participation in ongoing faculty research, any of these culminating in a written report.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 20500 - The Profession of Psychology (W)}

\section*{GER}

3/B

Open to declared majors only. Introduction to and critical analysis of the profession of psychology; examination of theories and career options in major subfields of psychology. Students must have Internet access.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 21000 - Child Development (D/S)}

\section*{GER}

3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 21200 - Exceptional Childhoods (D/S)}

\section*{GER}

3/B
Special problems of adjustment and training of exceptional children, including the gifted as well as the intellectually, emotionally and physically handicapped.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 21300 - Children \& Adolescents with Autism}

A theoretical and practical introduction to the social, biological, behavioral, and educational theories that guide our understanding of children and adolescents with Autism Spectrum Disorder (ASD). Focusing on this important public health issue, students learn how these theories inform public awareness, the experiences of families affected by this disorder, the development and implementation of interventions, and public policy.
prereq: PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission
3 hrs
3 cr .

\section*{PSYCH 21400 - Adults with Developmental Disabilities}

A theoretical and practical introduction to the key issues and challenges that affect the lives of adults with developmental disabilities, including adults with Autism Spectrum Disorder. Covered topics include person-centered planning, self-determination, transition planning, post-secondary education, employment, residential supports, and community living. Students learn how these challenges inform services that support full inclusion and improve quality of life.
prereq: PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission
3 hrs
3 cr .

GER
3/B

Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 22000 - Personality (D/S)}

GER
3/B
Review of the contributions to the understanding of normal personality in the theories of the Freudian and other analytical schools; of Allport, of representative behaviorist groups and of constitutional typologists; also, methods of assessing and understanding individual personality.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

PSYCH 22100 - Psychoanalytic Theories (A; D/S)

GER
3/B

Historical, theoretical and empirical approaches from Freud to the present; empirical evaluation and integration of these theories with learning and ethological theory.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 22300 - Abnormal Psychology (A; D/S)}

\section*{GER}

3/B
Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

PSYCH 22400 - Neuroscience

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders.
prereq: PSYCH 10000 and any other 3 CR PSYCH Course; completion of ENGL 12000 with a minimum grade of C
3 hrs .
3 cr .

\section*{PSYCH 22500 - Ethology: Animal Behavior (B)}

GER
3/B
Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 23000 - Social Psychology (D/S)}

GER
3/B
Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
PSYCH 23500 - The Psychology of Women (D/S)

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensivecross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
\(3 c r\).

\section*{PSYCH 24000 - Applications of Psychology (A)}

GER
3/B

Psychological issues in business, law and medicine; consumer research, personnel selection and training, motivation and morale in industry, safety programs, testimony, lie detection and psychological issues in coping with physical illness.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

\section*{PSYCH 24200 - Health Psychology (A)}

GER
3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .
PSYCH 24300 - Cognitive Processes (C)

GER
3/B

A survey of theoretical issues and empirical research on human cognition including attention, perception, memory, representation of knowledge, language, and problem solving.
prereq: 6 cr. in PSYCH including PSYCH 10000
3 hrs
3 cr .

PSYCH 24500 - History of Psychology (W)

GER
3/B

Introspective, behavioristic, gestalt, psychoanalytic and related viewpoints developed from early philosophic roots of psychology.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr .

PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12500 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

\section*{PSYCH 24900 - Experimental Psychology: Social}

GER
3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250 , but not both.)

Writing Intensive
PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYC 24800 with a minimum grade of \(C\)
prereq or coreq: Writing Intensive
6 hrs (2 lec, 4 lab)
4 cr.

\section*{PSYCH 25000 - Experimental Psychology: General}

\section*{GER}

3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000 , but not both.)

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
prereq or coreq: Writing Intensive

6 hrs (2 lec, 4 lab)
4 cr.

\section*{PSYCH 29500 - Special Topics in Psychology II}

\section*{GER}

3/B

Readings and discussion on a selected problem or topic area. Topics will vary from semester to semester.
PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000, PSYC 24900 or 25000 or perm instr.
3 hrs
3 cr .

\section*{PSYCH 30000 - Physiological Psychology (B)}

\section*{GER}

3/B

Neural and endocrine mechanisms involved in learning, emotion, perception and other psychological processes. PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 30100 - Sensation and Perception (B; C)}

\section*{GER}

3/B

Open to declared majors only. Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 30600 - Seminar in Psychological Services I (A)}

Open to declared majors only. An integration of personality and abnormal psychology, the helping process and the role of the helper. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 2200 or 32300, PSYCH 24900 or 25000 , perm instr.
8 hrs
4 cr .

\section*{PSYCH 30700 - Seminar in Psychological Services II (A)}

Integration of personality and abnormal psychology. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000, PSYCH 30600, perm instr.
3 hrs
3 cr .

\section*{PSYCH 30900 - Behavioral Neuroendocrinology (B; D/S)}
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Pluralism and Diversity
PD/C
GER
3/B

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Research and attitudes about sex-related behavior in human and nonhuman animals emphasizing evolutionary and neuroendoinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology and sexual behavior and the law.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 31000 - Research Methods in Developmental Psychology (C; D/S)}

GER
3/B

Open to declared majors only. Theory and research in selected areas of developmental psychology. PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 15000 or 21000, PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr.

\section*{PSYCH 31300 - Adolescence (D/S)}

This course reviews the physical, cognitive, emotional, and social changes that typically occur during adolescence. Topics include classic and contemporary theories of adolescent development and the interactions between adolescents and their social and cultural environments.

3 hrs
3 cr .

\section*{PSYCH 31500 - Adult Development (D/S)}

\section*{GER}

3/B

Open to declared majors only. Theories and research concerning the personal and social development of men and women in adulthood; ongoing changes with age related to physical growth and decline, including marital, parental and interpersonal relationships, occupational roles, leisure activities, disability and approaching death.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 15000 or 21000, PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 31600 - Cognitive Neuroscience (B/C)}

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition. prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

\section*{PSYCH 32000 - Neuronal Basis of Behavior (Neuroethology) (B)}

This course is designed primarily for upper level undergraduates who already have an introductory background in animal behavior, neurobiology and Psychology. The course will review the rapidly expanding field of neuroethology, providing a general introduction to the subject and some of its many model systems.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

\section*{PSYCH 32100 - Animal Orientation: Function and Mechanisms (B)}

Finding mates, securing shelter and food, and returning to a familiar home are ubiquitous animal functions which often require complex navigational strategies. This course 1) explores historical attempts to develop an understanding of the role and determinants of these strategies, 2) reviews the complexity of orientation behavior across phyla mediated by simple taxes, landmark orientation, compass orientation, path integration and dead reckoning, and cognitive mapping, 3 ) discusses sensory control of orientation behavior, including multisensory integration, and sensory modality transposition, 4) reviews tools and models used by researchers of animal orientation, and 5) addresses physiological and molecular bases of selected behaviors. Laboratory exercises, field observations, visits to colleagues' laboratories in the metropolitan area, and attending relevant seminars at other institutions (inside or outside CUNY) will complement class room lectures and discussions.

3 hrs.
3 cr .

\section*{PSYCH 32200 - Psychology of Language (C)}

\section*{GER}

3/B
Psychological and psychophysical basis of language comprehension, production and acquisition from experimental and theoretical perspectives; the relationship between language and the cognitive processes of perception, memory and representation.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000 , PSYCH 27000 or perm instr.
3 hrs
3 cr .

\section*{PSYCH 32300 - Developmental Psychopathology (A; D/S)}

\section*{GER}

3/B

Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes and treatments.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 21200 or 22300, PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 32400 - Communication Behavior (B/C)}

This course will examine behaviors that exchange information, the evolution of the signals that carry the message, and the senses that receive it. Both human nonverbal and animal communication systems will be analyzed. Students will conduct field and library research on specific communicative behaviors.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
\(3 c r\).

\section*{PSYCH 32500 - Animal Cognition (B/C)}

This course will focus on various topics and readings in animal cognition within and across species from the perspectives of animal behavior, cognitive ethology and comparative cognition. In addition to familiarizing the students with what is currently known, the course is designed to stimulate critical and creative thinking about how we investigate and understand the minds and behavior of animals as diverse as chimpanzees, dolphins, elephants,
monkeys, pigeons and humans. It will focus on various topics and readings in animal cognition including categorization, discrimination learning, decision making, social learning, tool use, culture and communication. prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr.

\section*{PSYCH 32700 - Motivation and Emotion (B; C)}

\section*{GER}

3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 32800 - States of Consciousness (A/C)}

\section*{GER}

3/B

The subjective and physiological aspects of consciousness; the means by which it may be altered: hypnosis, dreams, drugs, meditation and mysticism; psychosis.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 32900 - Cognitive Science (C)}

Introduction to cognitive science, the interdisciplinary study of the human mind from the perspectives of psychology, linguistics, computer science, neuroscience, and philosophy.
prereq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24800 or 25000; declaration of the psychology major
3 hrs
3 cr .

\section*{PSYCH 33000 - Memory and Attention (C)}

This course is intended to provide an introduction to the processes associated with memory, attention, and their development, with particular attention given to classic and contemporary theories, and to how they interact with factors such as biology, age, culture and experience.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000

\section*{PSYCH 33100 - Social Cognition of Gender}

The course examines the social cognitive and motivational processes that a) underpin beliefs about and evaluations of men and women, b ) affect behaviors toward and by men and women, and c) change or entrench attitudes and behaviors. prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 33200 - Attitudes and Persuasion (D/S)}

This course examines both traditional and current theory and research on attitudes and attitude change in social psychology. The first third of the course covers the historical background of the field, the nature of attitudes, problems associated with the measurement of social attitudes and behavior, the conceptual structure and organization of attitudes, and the relation between attitudes and behavior. The middle third of the course explores one of the most-researched topics in attitude research: stereotyping, prejudice and discrimination. The final third of the course examines various social psychological theories of attitude change and persuasion, along with their diverse applications.
prereq: ENGL 12000; Completion of PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 33300 - Advanced Social Psychology Theory and Methods (D/S)}

In-depth training in the concepts and skills necessary for conducting scientific research in social psychology. Core concepts in social psychology are used as the basis for case-studies in which different methods for examining constructs are illustrated and compared.
prereq or coreq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24900 or 25000 ; declaration of the psychology major.
3 hrs
3 cr .

\section*{PSYCH 33400 - Cultural Psychology (D/S)}

As ours society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology d) cross-cultural models of self, attention, perception, morality, memory, human development and health, e) cultural differences in gender effects and f) policy implications of cultural psychology
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

\section*{PSYCH 34000 - Industrial and Organizational Psychology (A)}

GER
3/B

A review of research and theories on the effects of leadership, human relations, motivation and organizational structures on behavior in business and industrial settings; applications of personnel psychology, motivational psychology and human factors engineering in the work place; job analysis, employee selection, leadership, performance appraisal, power and authority, work motivation and organizational communication.

PSYCH 24800 and 24900 or 25000 , one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 34100 - Stress, Trauma, and Resilience (A)}

This course covers the interrelated topics of stress, trauma, and resilience. The course uses a clinical science perspective to explore both normative (healthy) and problematic physiological and psychological responses to stress and trauma, as well as factors that influence resilience.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

\section*{PSYCH 34200 - Emotion: Function and Dysfunction (A)}

Focus of the course will be on understanding the role of emotion in both functional and dysfunctional contexts. Through readings, class discussion, and lecture, we will address how emotions can both be vital for survival yet at the heart of so many mental disorders
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr .

\section*{PSYCH 34400 - Clinical Psychology (A)}

Clinical psychologists engage in a wide range of activities including research, teaching, assessment, administration, consultation. This course will discuss controversial issues regarding how to best define clinical psychology in a modern health practice context.
prereq: ENGL 12000, Completion of PSYCH 24900 or 250
3 hrs.
3 cr .

\section*{PSYCH 34800 - Statistics Practicum in Psychology}

\section*{GER}

3/B

Apply and extend statistical knowledge and data analytic skills by tutoring students in PSYCH 24800 and serving as a teaching assistant forthe course. Weekly seminar meetings provide training and support. Students prepare and give statistical presentations, write homework problems, help in computer labs, and evaluate homework problems or lab assignments.
prereq: PSYCH 24800 with a minimum grade of \(A\)-, perm instr.

3 hrs
3 cr .

\section*{PSYCH 35000 - Learning (C)}

\section*{GER}

3/B

Theoretical and experimental approaches to human and animal learning; the relationship between systematic theory models and methodology; analysis of the historical and contemporary major contributions to learning theories.
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr.

\section*{PSYCH 35500 - Ethnic and Cultural Identity Theories (D/S)}

\section*{GER}

3/B

Current research and theory on ethnic and racial identity development, including components of ethnic/racial/cultural identity; historical and conceptual issues; the state of theory and research on ethnic identity as it pertains to particular ethnic groups; racial and ethnic socialization; language and ethnic identity; applications of the ethnic identity construct. prereq or coreq: Declared Psychology major; completion of PSYCH 24800 and either PSYCH 24900 or PSYCH 25000 3 hrs
3 cr .

PSYCH 36100 - Psychological Tests (A)

GER
3/B

Introduction to the principles of psychological assessment; major methods of measuring general ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.
prereq: ENGL 12000. PSYCH 24900 or 25000
3 hrs
3 cr .

\section*{PSYCH 36200 - Psychological Determinants of Health Disparities (A; D/S)}

Current research, theory, and applications related to the psychological determinants of health disparities that are experienced as a function of population characteristics, including race/ethnicity, gender, age, socioeconomic status, and sexual orientation.
prereq: PSYCH 24900 -or- 25000; PSYCH 24200. Open only to psychology majors.
3
3

PSYCH 36300 - Health Behavior Change (A; D/S)

A theoretical and practical introduction to health behavior change. The course explores the social and behavioral theories that guide understanding of health behavior and describes how these theories are translated into testable
interventions for health promotion, risk reduction, and treatment.
prereq: PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000; Open only to psychology majors.
3 hrs
3 cr.

\section*{PSYCH 36400 - Sexuality and Health (A)}

This course reviews the field of sexual health research, sexual health policy, and sexual health education and intervention, as well as specific topics such as the role of gender, sexual orientation, and personal motivation in sexual health.
prereq: PSYCH 17000 (Psychology of Human Sexuality); PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000. Open only to Psychology Majors.

3 hrs
3 cr .

\section*{PSYCH 36500 - Coping with Chronic Disease (A; D/S)}

Focuses on current knowledge of psychological adjustment to chronic health conditions, including - intrapersonal, interpersonal and social determinants of adjustment using theory and empirical evidence within a stress and coping framework. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field.
prereq: PSYCH 24200, PSYCH 24900 or 25000. Open only to Psychology majors.
3 hrs
3 cr .

\section*{PSYCH 36600 - Interpersonal Relationships and Health (A; D/S)}

This course will familiarize students with current research, theory, and applications related to interpersonal processes and health, emphasizing emotional as well as physical health. It will broadly consider the literature in health psychology and relationship science and therefore maintains a biopsychosocial perspective of health and well-being. prereq: PSYCH 24200 (Health Psychology) or PSYCH 23000 (Social Psychology); PSYCH 24900 or 25000; Open only to psychology majors.
3 hrs
3 cr .

\section*{PSYCH 36700 - Biological and Social Bases of Addictive Behavior (B)}

A biopsychosocial approach to understanding risk factors, onset, course, treatment considerations and prognosis for common addictive behaviors. It explores the neurobiological, psychological, pharmacological, and cultural themes that unify the understanding of addictive behaviors.
prereq: PSYCH 24200 (Health Psychology) or PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000; PSYCH 30000 (Physiological Psychology). Open only to psychology majors.
3 hrs
3 cr .

PSYCH 36900 - Behavioral Pharmacology (B)

\section*{GER}

3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.
prereq: ENGL 12000,. PSYCH 24900 or 25000, PSYCH 30000 or perm instr.
3 hrs
3 cr .
PSYCH 37000 - Cognitive Development (C; D/S)

GER
3/B

A comparative information processing perspective on the development of mental structure and functioning, including perception, memory, problem solving, self-awareness of thinking, intelligence, concept formation and language development.
prereq: ENGL 12000. PSYCH 24900 or 25000, PSYCH 27000 or perm instr.
3 hrs
3 cr .

PSYCH 38000 - Microcomputers in Psychological Research

GER
3/B

An introduction to the fundamentals of microcomputer programming and digital electronics, including the structure of a computer language (BASIC), digital logic, interfacing and computer memory. Students learn to program psychological experiments, collect data, perform statistical analyses and control peripheral devices by microcomputer. Designed for advanced undergraduates.
prereq: ENGL 12000. PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr .

\section*{PSYCH 38100 - Current Topics in Animal Behavior (B)}

Finding mates, securing shelter and food, and returning to a familiar home are ubiquitous animal functions which often require complex navigational strategies. This course will provide an advanced undergraduate level survey of the history of the field of animal orientation, and expound on ontogeny, mechanisms, and function of orienting behaviors.
prereq: PSYCH 10000, PSYCH 16000 (Evolution and Behavior); PSYCH 22500 (Ethology); PSYCH 24800
(Psychological Statistics). Open only to psychology majors.
3 hrs
3 cr .
PSYCH 38200 - Current Topics in Biopsychology (B)

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of biological psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.
prereq: PSYCH 22400 (Neuroscience) PSYCH 25000 Open only to psychology majors.
3 hrs
3 cr .

\section*{PSYCH 38300 - Current Topics in Cognitive Psychology}

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas in cognitive psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term. Students may take a Current Topics in Cognitive Psychology course twice.
prereq: completion of PSYCH 25000 and 24300 with a grade of C or better
3 hrs
3 cr .

\section*{PSYCH 38400 - Current Topics in Developmental Psychology (A; D/S)}

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of developmental psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.
prereq: PSYCH 21000 (Child Development); PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr .

\section*{PSYCH 38500 - Current Topics in Social Psychology D/S}

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas within social psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.
prereq: PSYCH 23000 (Social Psychology; PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr .

\section*{PSYCH 38600 - Current Topics in Clinical Psychology (A)}

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of clinical psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.
prereq: PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr .
PSYCH 38700 - Current Topics in Health Psychology (A; DS)

Contemporary knowledge and issues in the scholarly literature in a focused area of health psychology. Emphases on interdisciplinary approaches and critical thinking, including links to theoretical and empirical foundations of the field. Topics vary each term.
prereq: PSYCH 24200; PSYCH 24900 -or- 25000; Open only to psychology majors
3 hrs
3 cr.

\section*{PSYCH 39000 - Special Topics in Psychology III}

\section*{GER}

3/B

Readings and discussion on a selected problem or topic area. Topics vary from semester to semester. prereq: ENGL 12000, PSYCH 24900 or 25000 , perm instr.
3 hrs
3 cr .

\section*{PSYCH 39500 - Independent Research in Psychology}

May be taken two times, but will apply to the major only once. Designed to meet the needs of individual students under the direction of a particular instructor at a more advanced level than PSYCH 20100. Such study may involve independent reading, tutorials, independent research projects, or participation in ongoing faculty research, any of these culminating in an APA-style research report or literature review. Field Placements (internships) cannot be granted credit as PSYCH 39500; however, supervised field Placement taken in conjunction with PSYCH 36100 - Psychological Tests (A) will be granted credit as PSYCH 39500.
prereq: ENGL 12000, PSYCH 24900 -or- 25000, perm instructor and department
3 hrs
3 cr .

\section*{PSYCH 39600 - Honors in Psychology}

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
3 cr.

\section*{PSYCH 39800 - Honors in Psychology}

Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.
prereq: PSYCH 39600, perm instr.
3 hrs
3 cr .

GER
3/B

Readings and discussion on a selected problem or topic area. Topics vary from semester to semester. prereq: ENGL 12000. PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr .

\section*{Programs and Courses in Romance Languages}

\section*{Romance Languages}

\section*{About the Department}

Department Description

\section*{Foreign Language Requirement}

Appendix II: Foreign Language Requirement

\section*{Programs and Courses}

Programs and Courses in Romance Languages

\section*{Administration and Faculty}

Department Office:
1341 West
(212) 772-4760

Web site: http://www.hunter.cuny.edu/romancelanguages

Chair:

Paolo Fasoli
1309 West
(212) 772-5129
pfasoli@hunter.cuny.edu

Faculty

Romance Languages Faculty

\section*{Undergraduate Major}

\section*{French - BA}

\section*{Major}

The French major provides two concentrations:
a. French Literature ( 30 cr )
b. French Language and Civilization

\section*{Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)}

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition ( 3 cr ). The 23 -credit pedagogical sequence in adolescent education will serve as the minor. See the Section XII: School of Education section of the catalog for further information.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.
The New York/Paris Exchange Program is open to students who wish to study a semester or a year at a French university in Paris. For the requirements and more details, contact Professor J. Przybos at (212) 772-5097. French in France is offered during June, July and August at Pau and Bayonne.

\section*{Minor in French (15 credits)}

\section*{a. French Literature and Culture}

This course of study provides the opportunity to deepen the knowledge of French language beyond the basic language sequence and to introduce students to French Culture trans-historically, in ways that could usefully complement a major in another field in the humanities, where a broad knowledge of French history or culture could be useful (for instance in the Arts).

The prerequisite for this minor consists either of

\section*{FREN 20200 - Intermediate French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr .
-or-

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .

For the minor, 3 language courses to be chosen from

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .

FREN 22000 - Advanced French Conversation
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
3 cr .

FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr.
and 2 Culture and Civilization courses to be chosen from

\section*{FREN 33500 - French Culture I}
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Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
cr.

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\section*{FREN 33600 - French Culture II}
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Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
cr.

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\section*{FREN 33700 - Contemporary French Culture}

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

\section*{b. French Literature}

This course of study provides the opportunity to deepen the knowledge of French language beyond the basic language sequence through the analysis of French Literature. Among undergraduates potentially interested in this track are our native-speakers, or students with a francophone background, whose majors are in another, non-related, discipline.

The prerequisite for this minor consists of

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .
For the minor, students must first complete

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period
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Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3cr.
and then choose 3 courses from the following:

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\section*{FREN 34300 - Medieval and Renaissance French Literature}

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
\(3 c r\).

FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).

FREN 34600-18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

\section*{FREN 34800-19th Century French Literature (1800-1850)}

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .
FREN 34900-19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).

FREN 35000-20th Century French Literature (1900-1950)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 35100 - Contemporary French Literature (1950-present)
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Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

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\section*{FREN 36000 - French Literature: Special Topics}

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr.
FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200

3 hrs
\(3 c r\).

\section*{FREN 36400 - The 19th Century: Special Topics}
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Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3cr.

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\section*{FREN 36500 - The 20th Century: Special Topics}

\section*{Pluralism and Diversity}

GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches. prereq: FREN 34100 and 34200
3 hrs
3 cr .

\section*{c. French Culture and Literature in Translation}

This course of study provides the opportunity to students with no knowledge of the French language to be introduced to French Culture \& Literature. This minor offers an interesting complement or context to studies in other fields (such as history, philosophy, political theory or women's studies) that have benefited, historically, from French influences.

The courses in this minor are to be chosen from a selection of 200-level courses, taught in English, such as

\section*{FREN 24100 - Early French Civilization: From Gothic to Revolution}
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Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Conducted in English; readings in English.
3 hrs
3 cr .

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FREN 24200 - Modern French Civilization: From Revolution to Present

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity

PD/D
GER
2/C

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .

\section*{FREN 25100 - French Literature and the Arts}

\section*{Pluralism and Diversity}

PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr .

\section*{FREN 25200 - From Symbolism to Surrealism in French Literature}

GER
3/A
Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr .

\section*{FREN 25300 - Modern French Theatre: Theory and Practice}

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3 cr .

\section*{FREN 25400 - Film and the French Novel}
Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
3 cr .

\section*{FREN 25500 - New Approaches to Modern French Literature}

\section*{GER}

3/A

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.
3 hrs
3 cr .

FREN 25600 - Dream and Image (W)

GER
3/A

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
3 cr.

\section*{FREN 25700 - Literary Cross-Currents}

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
prereq: reading knowledge of French
3 hrs
3 cr .

\section*{FREN 25800 - French Poetry in Translation}

Conducted in English. Study of major themes, theories and texts from 16th century to contemporary period.
3 hrs
3 cr .

\section*{FREN 25900 - French Theatre in Translation}

\section*{Pluralism and Diversity \\ PD/D \\ Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation. \\ 3 hrs \\ 3 cr.}

FREN 26000 - French Novel in Translation (1600-1900)

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other literary genres.
3 hrs
3 cr .

\section*{FREN 26100 - Modern French Novel in Translation (1900-Present)}
```

Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3cr.

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\section*{FREN 26200 - Perspectives on Women in French Literature}

Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr.

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{French Language and Civilization}

Return to: French - BA

A concentration in French language as well as in French and Francophone literature, culture and civilization. 12 credits from the language sequence (Group A); 0-9 credits from Group B (offered in English); and 9-18 credits from Group C (offered in French).

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
3 cr.

\section*{FREN 10200 - Elementary French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

\section*{FREN 20100 - Intermediate French I}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr .

\section*{FREN 20200 - Intermediate French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.
-or-

\section*{FREN 10300 - Intensive Elementary French}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
6 hrs
6 cr .

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major - 30 credits}

\section*{Group A:}

\section*{FREN 22000 - Advanced French Conversation}
```

prereq: FREN 20200 or four yrs high school French
3 hrs
cr.

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\section*{FREN 27500 - Introduction to French Literature}

\section*{Pluralism and Diversity}

PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.
FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
\(3 c r\).

FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .
FREN 32100 - French Translation
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

\section*{Group B:}

\section*{FREN 24100 - Early French Civilization: From Gothic to Revolution}
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Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Conducted in English; readings in English.
3 hrs
3 cr .

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\section*{FREN 24200 - Modern French Civilization: From Revolution to Present}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .

\section*{FREN 25100 - French Literature and the Arts}

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr.

\section*{FREN 25200 - From Symbolism to Surrealism in French Literature}

\section*{GER}

3/A

Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.

3 hrs
\(3 c r\).

\section*{FREN 25300 - Modern French Theatre: Theory and Practice}
```

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3cr.

```

FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A
Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
\(3 c r\).

\section*{FREN 25500 - New Approaches to Modern French Literature}

GER
3/A
Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.
3 hrs
\(3 c r\).

\section*{FREN 25600 - Dream and Image (W)}

GER
3/A
Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
3 cr.

\section*{FREN 25700 - Literary Cross-Currents}

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
prereq: reading knowledge of French

3 hrs
\(3 c r\).

\section*{FREN 25800 - French Poetry in Translation}

Conducted in English. Study of major themes, theories and texts from 16th century to contemporary period.
3 hrs
3 cr.

\section*{FREN 25900 - French Theatre in Translation}

Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.
3 hrs
3 cr .
FREN 26000 - French Novel in Translation (1600-1900)
```

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other
literary genres.
3 hrs
3cr.

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FREN 26100 - Modern French Novel in Translation (1900-Present)
Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr .
FREN 26200 - Perspectives on Women in French Literature
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr .

\section*{Group C:}

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

\section*{FREN 33600 - French Culture II}
```

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3cr.

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\section*{FREN 33700 - Contemporary French Culture}

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.
FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .
FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34600-18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
\(3 c r\).

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 35000-20th Century French Literature (1900-1950)
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35300 - Survey of Francophone Literature

GER
3/A
A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D

GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr .

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36500 - The 20th Century: Special Topics

\section*{Pluralism and Diversity}

GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

\section*{FREN 37500 - Seminar in French Literary History}
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Pluralism and Diversity
PD/D
GER
3/A
Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3cr.

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\section*{FREN 49100 - Honors Course in French}
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Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3cr.

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FREN 49500 - Independent Study in French Literature
prereq: perm adviser
1-3 cr

\section*{Additional Information}

Within the Language and Civilization concentration, students may choose either FREN 24100 or FREN 33500 (but not both) and either FREN 24200 or FREN 33600 (but not both) to count towards the major.

\section*{French Literature (30 cr)}

Return to: French - BA
A concentration in French literature that emphasizes the study of literary works and criticism.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{FREN 10100 - Elementary French I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
\(3 c r\).

\section*{FREN 10200 - Elementary French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

\section*{FREN 20100 - Intermediate French I}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr .

\section*{FREN 20200 - Intermediate French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr .
-or-

\section*{FREN 10300 - Intensive Elementary French}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr .

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

Major - 30 credits

\section*{3 credits from}

\section*{FREN 31100 - Advanced French Grammar}
prereq: FREN 20200
3 hrs
3 cr .

FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

FREN 32100 - French Translation
prereq: FREN 20200 or equiv.
3 hrs
3 cr .
6 credits in

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
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3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
cr.

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FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

\section*{21 credits from}

\section*{FREN 33500 - French Culture I}

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

\section*{FREN 33600 - French Culture II}

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr .

\section*{FREN 33700 - Contemporary French Culture}

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D

GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .
FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).

\section*{FREN 34600-18th Century French Literature}

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .

FREN 34900-19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 35000-20th Century French Literature (1900-1950)
Pluralism and Diversity
PD/D
GER
3/A
Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).

FREN 35300 - Survey of Francophone Literature

GER
3/A
A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D

GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 36300 - The 18th Century: Special Topics
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Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3cr.
FREN 36500 - The 20th Century: Special Topics
Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

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FREN 37500 - Seminar in French Literary History

Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr .

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr .

\section*{FREN 49500 - Independent Study in French Literature}
prereq: perm adviser
1-3 cr.

\section*{Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:}

FREN 39900 - Second Language Acquisition
prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr .
-or-

FREN 49500 - Independent Study in French Literature
prereq: perm adviser
1-3 cr.
-or-

\section*{SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12}
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The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .

- SEDC 712 (see graduate catalog)

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\section*{Italian - BA}

Major

The Italian major provides two concentrations:
a. Italian Literature ( 30 cr )
b. Italian Language and Civilization ( 30 cr .)

\section*{Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)}

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition ( 3 cr ). The 23 -credit pedagogical sequence in adolescent education will serve as the minor. See the The School of Education section of the catalog for further information.

\section*{Minor in Italian (12 cr)}

Prerequisite for the minor

\section*{ITAL 20200 - Intermediate Italian II}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.
-or-

\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .
or placement test

The minor of 12 credits utilizes four existing courses, all taught in Italian.

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr.

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr .

\section*{ITAL 32100 - Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 311 or equiv.
3 hrs
\(3 c r\).

\section*{ITAL 33100-Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 202 or equiv.
3 hrs
3 cr.

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.
Hunter in Italy: Summer Program in Pescara, June-July, at the University of Pescara; Italian Language courses and Italian literature and culture courses taught in English.

Winter Program Hunter in Florence, held during January intersession, offers courses and Italian Culture and Literature taught in English.

\section*{Italian Language and Civilization (30 cr.)}

Return to: Italian - BA
A concentration on Italian language with an emphasis on oral and written communication.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ITAL 10100 - Elementary Italian I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{ITAL 10200 - Elementary Italian II}

\section*{Language lab.}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr .

\section*{ITAL 20100 - Intermediate Italian I}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr .
-or-

\section*{ITAL 10300 - Intensive Elementary Italian}

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
6 cr .

\section*{ITAL 20300 - Intensive Intermediate Italian}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major-30 credits}

\section*{15 credits from among}

\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr.

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr.

\section*{ITAL 32100 - Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 311 or equiv.
3 hrs
3 cr .
ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr .

\section*{ITAL 36500 - The 20th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .
15 credits from Group A (offered in English) and Group B (offered in Italian) with no more than 9 credits from Group A.

\section*{Group A:}

\section*{ITAL 26000 - Modern Italian Short Story (W)}

Pluralism and Diversity
PD/D
GER
2/C
In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ENGL 120 or equiv.
3 hrs
3 cr .

\section*{ITAL 27500 - Masterpieces of Italian Literature}

In English. Selections from Dante to Leopardi. Strongly recommended before taking any 300- level course. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 27600 - Dante's Divine Comedy in English (W)}

Pluralism and Diversity
PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr.

\section*{ITAL 28000 - The Italian Renaissance: An Introduction}

\author{
Hunter Core \\ Individual and Society \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C
}

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 33400 - Italian Civilization in the Baroque, in English}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 2/C}

An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation
3 hrs
3 cr .

\section*{ITAL 33500 - Italian Culture I}

\section*{GER}

2C

In English. Main intellectual-artistic currents from the 12th to 15th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .
ITAL 33600 - Italian Culture II

GER
2/C

In English. Main intellectual-artistic currents from the 16th to 20th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 120
3 hrs
3 cr .

\section*{ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English}

\section*{Pluralism and Diversity}

PD/C
GER
2/C

Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 33800-19th and 20th Century Italian Women Writers, in English}

\section*{Pluralism and Diversity}

PD/C
GER
3/A

Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Marghenta Guidacci, Maria Luisa Spaziani.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

Group B:
ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
\(3 c r\).

\section*{ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present}
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Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3cr.

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\section*{ITAL 34300 - Dante's Vita Nuova and Inferno}
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Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
\(3 c r\).

\section*{ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso}
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Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .

\section*{ITAL 34500 - Dante's Paradiso and Major Prose Works}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34300

3 hrs
3 cr .

\section*{ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism}
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Pluralism and Diversity
PD/D
GER
3/A

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Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 34700-16th Century Italian Literature}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 34800-17th and 18th Century Literature}
Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 35000 - The Modern Italian Novel}

Pluralism and Diversity
PD/D
GER
3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35100 - The Modern Italian Theatre}

\section*{GER}

3/A

Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36000 - The Middle Ages: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36100 - The Renaissance: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
\(3 c r\).

\section*{ITAL 36200 - The 17th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
\(3 c r\).

\section*{ITAL 36300-The 18th Century: Special Topics}

\section*{GER \\ 3/A}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .
ITAL 36400 - The 19th Century: Special Topics

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 37000 - Italian Literature: Special Topics}

\section*{GER}

3/A
Topics to be offered may include individual authors, themes, genres, movements, or approaches.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr .

\section*{ITAL 37500 - Seminar in Italian Literary History}

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34100, 34200
3 hrs
\(3 c r\).

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: perm dept. adviser
1-3 cr.

Return to: Italian - BA

A concentration on Italian literature with an emphasis on the study of literary history and texts. The majority of the courses are offered in Italian.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ITAL 10100 - Elementary Italian I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{ITAL 10200 - Elementary Italian II}

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr .

\section*{ITAL 20100 - Intermediate Italian I}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr.

\section*{ITAL 20200 - Intermediate Italian II}
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Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an
intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.
-or-

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\section*{ITAL 10300 - Intensive Elementary Italian}

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
6 cr .

\section*{ITAL 20300 - Intensive Intermediate Italian}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300
6 hrs
6 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major-30 credits}

\section*{3 credits from}

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr .

\section*{ITAL 33100-Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr.

\section*{9 credits from}

ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200
3 hrs
3 cr .
ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present
```

Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
cr.

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\section*{ITAL 34300 - Dante's Vita Nuova and Inferno}

Pluralism and Diversity
PD/D
GER
3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .
3 credits from

\section*{ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso}

Pluralism and Diversity
PD/D
GER
3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34300
3 hrs
\(3 c r\).
-or-

\section*{ITAL 34500 - Dante's Paradiso and Major Prose Works}
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Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
3 cr .

\section*{15 credits chosen from}

ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism

Pluralism and Diversity
PD/D
GER
3/A

Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr.

\section*{ITAL 34700-16th Century Italian Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

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\section*{ITAL 34800-17th and 18th Century Literature}

Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr.

\section*{ITAL 34900 - The Modern Italian Lyric}

Pluralism and Diversity
PD/D
GER
3/A

From Leopardi to contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35000 - The Modern Italian Novel}

Pluralism and Diversity
PD/D
GER
3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35100 - The Modern Italian Theatre}

\section*{GER}

3/A
Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .
ITAL 36000 - The Middle Ages: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36100 - The Renaissance: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr.

\section*{ITAL 36200-The 17th Century: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36300-The 18th Century: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36400 - The 19th Century: Special Topics}

\section*{GER}

3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36500 - The 20th Century: Special Topics}

\section*{GER \\ 3/A}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .
ITAL 37000 - Italian Literature: Special Topics

\section*{GER}

3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr .

\section*{ITAL 37500 - Seminar in Italian Literary History}

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34100, 34200
3 hrs
3 cr.

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: perm dept. adviser
1-3 cr.

\section*{Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:}

\section*{ITAL 39900 - Second Language Acquisition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
\(3 c r\).

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: perm dept. adviser
1-3 cr.

\section*{SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12}

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .
- SEDC 712 (see graduate catalog)

\section*{Major concentration in Spanish-English/English-Spanish translation and interpretation ( \(\mathbf{3 6} \mathbf{~ c r}\) )}

This program prepares students for careers in the growing translation field. Students take courses in Spanish language, literature and civilization in conjunction with specialized courses in translation/interpretation theory and practice. Allied courses in English and related fields of study are required and must be approved by the program adviser. Sufficient flexibility is built into the program so that students may tailor certain requirements to fit their individual needs and interests. An intensive internship in translation and/or interpretation serves as the student's capstone experience and preparation for future professional settings. Please see the department of Romance Languages for more details regarding this new and innovative program of study.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SPAN 10100 - Elementary Spanish I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .
SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish

3 hrs
3 cr .

\section*{SPAN 20100 - Intermediate Spanish I}
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Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
cr.

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\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .
-or-

\section*{SPAN 10300 - Intensive Elementary Spanish}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr .
SPAN 20300 - Intensive Intermediate Spanish

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr .
-and-

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.
-or-

\section*{SPAN 27000 - Spanish Composition for Spanish Speaking Students}
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prereq: SPAN 20800 or perm adviser
3 hrs
3cr.

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\section*{ENGL 12000 - Expository Writing}
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Hunter Core
English Comp (EC)
GER
1/A

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Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr .
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:Appendix I: Hunter Core Requirement

\section*{Major Course Requirements (36 credits)}

\section*{1. Linguistic Structures and Advanced Writing (9 cr.)}

\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{SPAN 31300 - Spanish Stylistics}

Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.
prereq: ENGL 12000; SPAN 31100, 31200, 34100, 34200
3 hrs
3 cr .

\section*{2. Lexical and Cultural Enrichment (12 cr.)}
```

Pluralism and Diversity
PD/D
GER
3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors
and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3cr.

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\section*{SPAN 34200 - Introduction to Hispanic Literature II}

Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr .
Two courses in contemporary Spanish or Spanish-American theatre, narrative or essay above SPAN 34200, or from any of the following:

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}
```

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3cr.

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SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A

From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 35700 - Early 20th Century Spanish Literature
```

Pluralism and Diversity
PD/D
GER
3/A
Presentation of the major writers and works of the first 40 years of 20th century Spanish literature
prereq: SPAN 34100
3 hrs
cr.

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\section*{SPAN 35800 - Post-Civil War Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36500 - Survey of Spanish-American Teatro}

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100

\section*{3 hrs}

3 cr .

\section*{SPAN 36600 - Contemporary Latin American Poetry}

\section*{GER}

3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36700 - Latin American Essay

\section*{GER}

3/A
Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36800 - Contemporary Latin American Narrative}

\section*{GER}

3/A
Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 37000 - Special Topics in Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A
May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .
SPAN 37100 - Special Topics in Spanish- American Literature

GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.

\section*{SPAN 37400 - Contemporary Literature and Film}

GER
3/A

Conducted in Spanish. Analysis of contemporary novels from Latin America and Spain and the films based upon them prereq: SPAN 34100 or instructor permission
3 hrs
3 cr .
or from Africana and Puerto Rican Studies (taught in Spanish)
-or-

One of the above plus one course in Spanish or Spanish-American culture

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER
3/A
Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{3. Translation and Interpretation (15 cr.)}

\section*{SPAN 38000 - Introduction to Translation and Interpretation Studies}

Provides an introduction to basic concepts and techniques of translation and interpretation and develops a systematic approach to resolving language transference problems.
prereq: SPAN 31100 and 31200
3 hrs
3 cr.

Two courses from:

\section*{SPAN 38100 - Translation from Spanish into English}

Develops proficiency in translating from Spanish into English. The student will work with a variety of general Spanish texts and develop skills for analyzing and rendering them accurately into English. In addition, s/he will examine the best ways to handle idiomatic expressions, tenses and other complex grammatical structures. S/he will become familiar with the relevant terminology and theoretical issues, as well as learn how to select and evaluate dictionaries and other research materials.
prereq: SPAN 38000
3 hrs
3 cr .

\section*{SPAN 38200 - Consecutive Interpretation Spanish-English/English-Spanish}

An overview of the principles of consecutive interpretation.
prereq: SPAN 38000
3 hrs
3 cr

\section*{SPAN 38300 - Translation from English into Spanish}

Reinforces the basic principles of translation taught in SPAN 3800 with more advanced texts, and adds a special emphasis on style and the specific demands of certain categories of texts, as well as theoretical discussion regarding choices in translation. prereq: SPAN 38000
3 hrs
3 cr.

\section*{SPAN 38400 - Simultaneous Interpretation Spanish-English}

Designed so that students may begin working directly on the skills, protocol and practice of simultaneous interpretation, analyze in detail its processes, and review the settings in which it is used.
prereq: SPAN 38000
3 hrs
3 cr .
one or more courses from SPAN 39000: (topics vary. See Schedule of classes for offerings)
SPAN 39000 - Translation and Interpretation for the Professions

This series of courses will focus each semester on a different professional area, such as legal, medical, business, technical-scientific, social, and literary translation.
prereq: varies by course
3 hrs
3 cr.
One or more courses from:

\section*{SPAN 39100 - Internship in Translation}

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship. It consists of 70 hours of practical work in translation for a financial institution, law firm, translation agency, the United Nations, or other organization. In addition, the student must attend regularly scheduled meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional translation.
prereq: SPAN 38100-38400, 39000
3 hrs
\(3 c r\).

\section*{SPAN 39200 - Internship in Interpretation}

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship to train them in real-world interpreting skills in the context of court interpreting, parliamentary procedure, diplomatic etiquette, conference organization, etc. This internship consists of 70 hours of practical work in interpretation as well as frequent meetings with the professor supervising the internship
in order to discuss issues and problems in the real world of professional interpretation.
prereq: SPAN 38100-38400, 39000
3 hrs
3 cr .

\section*{Allied Course Requirements (12 credits)}

\section*{1. At least two courses from among the following ( 6 cr .)}

\section*{ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods}

Additional practice in expository writing; small classes (8-10).
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ENGL 21800 - Advanced Expository Writing}

Frequent writing practice, with emphasis on clarity, style and organization.
prereq: ENGL 12000
3 hrs + conf
3 cr.

\section*{ENGL 30100 - Theory and Practice of Expository Writing}

\section*{GER}

3/A
Composition in variety of nonfiction prose forms and study of rhetorical theories.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 30800 - Workshop in Non-Fiction I}

\section*{GER}

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr .

\section*{ENGL 30900 - Workshop in Non-Fiction II}

\section*{GER}

3/A
A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.
This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
3 cr .

\section*{ENGL 33100 - The Structure of Modern English}

Exploration of the acquisition, structure, and use of modern English and its regional and social variations prereq: ENGL 22000
3 hrs
3 cr .

\section*{2. Choose either Option A -or- Option B}

Option A: Two courses in contemporary US literature written in English from the following courses ( 6 cr .)

\section*{ENGL 32000 - Multi-Ethnic American Literature (W)}
```

Pluralism and Diversity
PD/B

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GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 32100 - Topics in African American Literature}

\section*{Pluralism and Diversity}

PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 37700-20th and 21st Century American Fiction}

\section*{GER}

3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{ENGL 37900-20th and 21st Century American Drama}

GER
3/A

Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{AFPRL 35600 - Latino Literature in English (W)}

Pluralism and Diversity
PD/B
GER
3/A
Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).

3 hrs
3 cr .

Option B: One courses from Option A above and one of the following courses (6 cr.)

\section*{ANTHC 15100 - Introduction to Linguistics}

\author{
Hunter Core \\ World Cultures and Global Issues (WCGI) \\ GER \\ 2/B
}

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr .

\section*{ANTHC 35100 - Language in Culture and Society}

GER
3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr .

\section*{ANTHC 35300 - Phonological Analysis and Theory}

\section*{GER}

3/B
Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr.

\section*{ANTHC 35400-Grammatical Analysis and Theory}

GER
3/B
Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr .

\section*{AFPRL 18100 - Language and Ethnic Identity}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS

\section*{ENGL 33200 - History of the English Language (W)}

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr .

\section*{MEDP 20100 - Reporting and Writing I (W)}

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDIA 18000
3 hrs
3 cr .

\section*{MEDP 20200 - Reporting and Writing 2(W)}

The sequence will introduce students to the fundamentals of reporting through interviews, observation and documentary research, and to the forms in which journalists present their reporting. It will also ask them to grapple with some of the ethical, legal and technological issues facing contemporary journalism, and will provide a basic understanding of the workings of state and city government.
prereq: MEDP 20100
3 hrs
3 cr .

\section*{THEA 16100 - Acting I: Basic Acting Techniques}

For intended majors and non-majors. Exploration of the fundamentals of acting technique throughexercises and improvisation.
coreq:
3 hrs
3 cr .

THEA 26100 - Acting II: American Realism

\section*{GER}

3/A
Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism. prereq: THEA 16100 or perm instr.
4 hrs
\(3 c r\).

THEA 26200 - Acting III: World Realism

GER
3/A

Continuation of scene study focusing on text analysis, personalization, objective and action using the world realistic repertory, such as the plays of Chekhov, Ibsen and Strindberg.
prereq: THEA 26100 or perm instr.
coreq: THEA 26300
4 hrs
3 cr.

\section*{Romance Languages - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. In the case of the major in Romance Languages, Foundational courses vary with the foreign languages selected for the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{Major (36 cr)}

Intended for students who want to specialize in two Romance languages.
- Required: 34100 and 34200 in each of two chosen languages ( 12 cr )
- and -
- 9 credits in advanced literature in each of the two languages ( 18 cr )
- 3 credits in culture or translation in each of the two languages ( 6 cr )

\section*{Minor (12 cr)}

Students majoring in one or more Romance languages take as a minor 12 credits in one field of study that leads to a BA degree, which must be approved by the departmental adviser.

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.

\section*{Spanish - BA}

\section*{Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)}

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition ( 3 cr ). The 23 -credit pedagogical sequence in adolescent education will serve as the minor. See the The School of Education section of the catalog for further information.

\section*{Major}

The Spanish major provides two concentrations:
a. Spanish Literature
b. Major concentration in Spanish-English/English-Spanish translation and interpretation ( 36 cr )

\section*{Honors}

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

\section*{Minor in Spanish}

\section*{1. Spanish Minor}

The Spanish minor consists of 15 credits of courses that are taught entirely in Spanish and combines language, civilization, and literature.

The prerequisite for a Spanish minor consists of either

\section*{SPAN 20200 - Intermediate Spanish II}
```

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3cr.
-or-

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\section*{SPAN 20800 - Advanced Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.
or equivalent proficiency

\section*{2. Minor in Spanish Cultures and Literatures}

The following courses are required for a minor in Spanish Cultures and Literatures:

\section*{Two language courses}

Two language courses ( 6 credits) above the SPAN 20200 (non-heritage speakers) or SPAN 20800 (heritage speakers) level, at least one of which must be a 300 -level course. Recommended courses are:

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

\section*{SPAN 22100 - Spanish for Oral Communication}

Not for fluent Spanish speakers.
prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr .

SPAN 27000 - Spanish Composition for Spanish Speaking Students
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{One civilization course}

One civilization course ( 3 credits) chosen from

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER
3/A

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .
-or-

\section*{SPAN 33600 - Latin American Civilization}

GER
3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{Two literature courses}

Two literature courses ( 6 credits) on Spanish or Latin American literature. Recommended courses include:

\section*{SPAN 27500 - Readings in Modern Spanish Literature}
```

Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm
3 hrs
3cr.

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\section*{SPAN 27600 - Readings in Modern Spanish- American Literature}

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.
prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm.

3 hrs
3 cr .
Alternately, students may take 300-level Spanish and Latin American literature courses from the following list by special permission of adviser:

\section*{SPAN 34300 - Spanish Literature of the Middle Ages}

Pluralism and Diversity
PD/D
GER
3/A
After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 34500 - Spanish Drama of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 34600-Cervantes

Pluralism and Diversity
PD/D
GER
3/A
Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 35000 - Spanish Poetry of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 35500 - Spanish Literature from Realism to World War I}

Pluralism and Diversity
PD/D
GER
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 35700 - Early 20th Century Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
prereq: SPAN 34100

3 hrs
3 cr .

\section*{SPAN 35800 - Post-Civil War Spanish Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political
context.
prereq: SPAN 34100
3 hrs
cr.

```
SPAN 36000 - Spanish-American Literature of the Colonial Period
GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

\section*{GER}

3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36600 - Contemporary Latin American Poetry}

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36700 - Latin American Essay}

GER
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 37000 - Special Topics in Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A
May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

\section*{Note:}

Students may use transfer credits and credits from the Hunter programs in Spain and Argentina up to a maximum of 6 credits. At least 9 credits of the minor must be completed in residence at Hunter.

\section*{Graduate Study}

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

\section*{Study Abroad}

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.
Spanish in Spain is offered during June, July, or both months at the Universidad Antonio de Nebrija in Madrid. Spanish in Argentina is offered during the winter break in Mar del Plata (Argentina) at the Universidad Nacional de Mar del Plata.

\section*{Spanish Literature}
return to Section IX: Programs of Study
return to Spanish - BA

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SPAN 10100 - Elementary Spanish I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr .

\section*{SPAN 20100 - Intermediate Spanish I}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr .

\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .
-or-

\section*{SPAN 10300 - Intensive Elementary Spanish}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr .

\section*{SPAN 20300 - Intensive Intermediate Spanish}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr.
-or-

\section*{SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Spanish for native speakers.
3 hrs
3 cr.

\section*{SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish}

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.

3 hrs
3 cr.

\section*{SPAN 20700 - Intermediate Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr .

\section*{SPAN 20800 - Advanced Spanish for Native Speakers}

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr .
-and-

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement
(CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

Major - 36 credits

\section*{1. Spanish Literature Courses (12 cr.)}

\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{SPAN 34100 - Introduction to Hispanic Literature I}
```

Pluralism and Diversity
PD/D
GER
3/A

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Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
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prereq or coreq: SPAN 31100 or dept. perm

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3 hrs
\(3 c r\).

\section*{SPAN 34200 - Introduction to Hispanic Literature II}
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Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3cr.

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\section*{2. Literature before the 19th century (6 cr.)}
choose from:

\section*{SPAN 34300 - Spanish Literature of the Middle Ages}

Pluralism and Diversity
PD/D
GER
3/A
After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34500 - Spanish Drama of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34600 - Cervantes}

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 34900 - Spanish Prose of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35000 - Spanish Poetry of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A
Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100

3 hrs
3 cr .
3. Latin American literature (9 cr.)
choose from:
(At least 3 credits from this category must be in contemporary literature)
SPAN 36000 - Spanish-American Literature of the Colonial Period

\section*{GER}

3/A
Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36500 - Survey of Spanish-American Teatro}

GER
3/A
Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36600 - Contemporary Latin American Poetry}

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36700 - Latin American Essay}

\section*{GER}

3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36800 - Contemporary Latin American Narrative}

\section*{GER}

3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 37100 - Special Topics in Spanish- American Literature}

\section*{GER}

3/A
May be repeated with different topic. prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr .

\section*{4. One course chosen from the following (3 cr.)}

\section*{SPAN 33500 - Spanish Civilization}
```

Pluralism and Diversity
PD/D
GER
3/A

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Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly
recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
\(3 c r\).
-or-

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A
Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{5. Two additional courses chosen from the following (6 cr.)}

Students may choose the remaining 6 credits in any course in literature from Spain or Hispanic America numbered above 342. Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

\section*{SPAN 39900 - Second Language Acquisition}
prereq: at least three courses at the 300- level in the language; ENGL 12000
3 hrs
3 cr .

\section*{SPAN 49500 - Independent Study in Hispanic Literature}

Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.

\section*{SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12}

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners. prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr .
- SEDC 712 (see graduate catalog)

\section*{Undergraduate Minor}

\section*{Minor in French Culture and Literature in Translation}

This course of study provides the opportunity to students with no knowledge of the French language to be introduced to French Culture \& Literature. This minor offers an interesting complement or context to studies in other fields (such as history, philosophy, political theory or women's studies) that have benefited, historically, from French influences.

The courses in this minor are to be chosen from a selection of 200-level courses, taught in English, such as
FREN 24100 - Early French Civilization: From Gothic to Revolution
FREN 24200 - Modern French Civilization: From Revolution to Present
FREN 25100 - French Literature and the Arts

FREN 25200 - From Symbolism to Surrealism in French Literature
FREN 25300 - Modern French Theatre: Theory and Practice

FREN 25400 - Film and the French Novel

FREN 25500 - New Approaches to Modern French Literature
FREN 25600 - Dream and Image (W)
FREN 25700 - Literary Cross-Currents
FREN 25800 - French Poetry in Translation
FREN 25900 - French Theatre in Translation

FREN 26000 - French Novel in Translation (1600-1900)

FREN 26100 - Modern French Novel in Translation (1900-Present)
FREN 26200 - Perspectives on Women in French Literature

\section*{Minor in French Language \& Culture}

The French minor consists of 15 credits:

\section*{Prerequisite for the minor}

\section*{FREN 20200 - Intermediate French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French

3 hrs
\(3 c r\).
-or-

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .

\section*{3 language courses}
to be chosen from:

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .

\section*{FREN 22000 - Advanced French Conversation}
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prereq: FREN 20200 or four yrs high school French
3 hrs
cr.

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FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
3 cr .
FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

\section*{2 Culture \& Civilazation courses}
to be chosen from:
FREN 33500 - French Culture I

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .

\section*{FREN 33600 - French Culture II}

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr .

FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

\section*{Minor in French Literature}

\section*{The French Literature minor consists of \(\mathbf{1 5}\) credits:}

\section*{Prerequisite for the minor}

The prerequisite for the minor consists of:

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
3 cr .

\section*{Requirements}

Students must first complete:
FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
and
FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
and then choose 3 courses from the following

\section*{FREN 34300 - Medieval and Renaissance French Literature}

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr.
FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
\(3 c r\).

\section*{FREN 34600-18th Century French Literature}
```

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3cr.

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FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .
FREN 34900-19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lsle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

\section*{FREN 36000 - French Literature: Special Topics}

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr .

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200

3 hrs
\(3 c r\).

\section*{FREN 36500 - The 20th Century: Special Topics}
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Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3cr.

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\section*{Minor in Italian}

\section*{Prerequisite for the minor}

\section*{ITAL 20200 - Intermediate Italian II}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr .

\section*{-or-}

\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .
or placement test

\section*{- The minor of 12 credits utilizes four existing courses, all taught in Italian}

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
3 cr .

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr .

\section*{ITAL 32100 - Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 311 or equiv.
3 hrs
3 cr .

\section*{ITAL 33100 - Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr .

\section*{Minor in Spanish}

The Spanish minor consists of 15 credits of courses that are taught entirely in Spanish and combines language, civilization, and literature.

\section*{- The prerequisite for a Spanish minor consists of either}

\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
\(3 c r\).
-or-

\section*{SPAN 20800 - Advanced Spanish for Native Speakers}
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Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3cr.
or equivalent proficiency

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\section*{Minor in Spanish Cultures and Literatures}

The following courses are required for a minor in Spanish Cultures and Literatures:

\section*{Two language courses (6 credits)}
above the SPAN 20200 (non-heritage speakers) or SPAN 20800 (heritage speakers) level, at least one of which must be a 300-level course. Recommended courses are:

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr .

\section*{SPAN 22100 - Spanish for Oral Communication}

Not for fluent Spanish speakers.
prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr .
SPAN 27000 - Spanish Composition for Spanish Speaking Students
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr .

\section*{SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .
One civilization course (3 credits)
chosen from

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER
3/A

Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .
-or-

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.
Two literature courses (6 credits)
on Spanish or Latin American literature. Recommended courses include:

\section*{SPAN 27500 - Readings in Modern Spanish Literature}

Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela. prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm 3 hrs
3 cr .

\section*{SPAN 27600 - Readings in Modern Spanish- American Literature}

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.
prereq: SPAN 20200, 20300, 2080021100 or four yrs high school Spanish or dept. perm. 3 hrs
3 cr .
Alternately, students may take 300-level Spanish and Latin American literature courses from the following list by special permission of adviser:

SPAN 34300 - Spanish Literature of the Middle Ages

Pluralism and Diversity
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic
Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34500 - Spanish Drama of the Golden Age}

Pluralism and Diversity
PD/D
GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 34600 - Cervantes

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
\(3 c r\).
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Pluralism and Diversity
PD/D
GER
3/A
Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets
such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3cr.

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\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}
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Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3cr.

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SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A

From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35700 - Early 20th Century Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35800 - Post-Civil War Spanish Literature

Pluralism and Diversity
PD/D
GER

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36000 - Spanish-American Literature of the Colonial Period}

\section*{GER}

3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A
Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36600 - Contemporary Latin American Poetry

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 36700 - Latin American Essay}

\section*{GER}

3/A
Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36800 - Contemporary Latin American Narrative}

\section*{GER}

3/A
Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
\(3 c r\).

\section*{SPAN 37000 - Special Topics in Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A
May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
\(3 c r\).

\section*{Note:}

Students may use transfer credits and credits from the Hunter programs in Spain and Argentina up to a maximum of 6 credits. At least 9 credits of the minor must be completed in residence at Hunter.

\section*{Comparative Literature}

\section*{COMPL 30100 - Seminar: Approaches to Comparative Literature}

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary.
Required of all majors in comparative literature.
3 hrs
3 cr .

COMPL 32000 - Comparative Studies in Prose Fiction

May be taken more than once when content varies.
3 hrs
3 cr .
COMPL 32100 - Comparative Studies in Prose Fiction

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 33000 - Comparative Studies in Drama

May be taken more than once when content varies.
3 hrs
3 cr .
COMPL 33100 - Comparative Studies in Drama

May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 34000 - Perspectives on Literature and the Arts

May be taken more than once when content varies.
3 hrs
3 cr .
COMPL 34100 - Perspectives on Literature and the Arts

May be taken more than once when content varies.
3 hrs
3 cr.
COMPL 35000-Comparative Studies in Literary Movements

May be taken more than once when content varies.
3 hrs
\(3 c r\).

COMPL 35100 - Comparative Studies in Literary Movements

May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 37000 - Comparative Studies in Myth and Folklore

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 37100 - Comparative Studies in Myth and Folklore

May be taken more than once when content varies.
3 hrs
3 cr .
COMPL 38000 - Selected Topics in Comparative Literature

May be taken more than once when content varies.
3 hrs
3 cr .

COMPL 38100 - Selected Topics in Comparative Literature

May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 39000 - Honors Project
prereq: completion of 9 cr. in COMP-prefixed courses
3 hrs
3 cr .

COMPL 39100 - Honors Project
prereq: completion of 9 cr . in COMP-prefixed courses
3 hrs
3 cr.

\section*{Romance Languages: Division I: French}

FREN 10100 - Elementary French I

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.

3 hrs
3 cr.

\section*{FREN 10200 - Elementary French II}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 101 or one yr high school French.
3 hrs
3 cr .

\section*{FREN 10250 - Beginning French Conversation and Cultural Enrichment}

Not credited toward language requirement. Conversational practice, cultural texts and activities for second-semester French students.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
coreq: FREN 10200
2 hrs
\(2 c r\).

\section*{FREN 10300 - Intensive Elementary French}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
6 hrs
6 cr .

\section*{FREN 20100 - Intermediate French I}

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
\(3 c r\).

FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.

\section*{FREN 20300 - Intensive Intermediate French}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr .

\section*{FREN 20800 - French for Francophones}

An intermediate-level language course designed for French speakers who have acquired the language in the family, local Francophone communities or abroad. Emphasizes the development of oral and written skills to the advanced level through interviews, readings and writing assignments. Spelling and grammar are also highlighted.
prereq: intermediate-level ability as determined by dept. exam or interview; perm dept.
3 hrs
3 cr .

\section*{FREN 21100 - Intermediate Grammar and Composition}

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
3 hrs
\(3 c r\).
FREN 22000 - Advanced French Conversation
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr .
FREN 24100 - Early French Civilization: From Gothic to Revolution

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.

3 hrs
3 cr .

\section*{FREN 24200 - Modern French Civilization: From Revolution to Present}

\section*{Hunter Core}

World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
3 hrs
3 cr .
FREN 25100 - French Literature and the Arts

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr .

FREN 25200 - From Symbolism to Surrealism in French Literature

GER
3/A

Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr .

FREN 25300 - Modern French Theatre: Theory and Practice

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Giraudoux, Sartre, Camus, Beckett, Ionesco.
4 hrs
3 cr .

FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
3 cr .

\section*{FREN 25500 - New Approaches to Modern French Literature}

\section*{GER}

3/A

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.
3 hrs
3 cr .

\section*{FREN 25600 - Dream and Image (W)}

GER
3/A
Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.
3 hrs
\(3 c r\).

\section*{FREN 25700 - Literary Cross-Currents}

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
prereq: reading knowledge of French
3 hrs
3 cr .

\section*{FREN 25800 - French Poetry in Translation}

Conducted in English. Study of major themes, theories and texts from 16th century to contemporary period.
3 hrs
3 cr .

\section*{FREN 25900 - French Theatre in Translation}
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Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that
have become known in English translation.
3 hrs
3cr.

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\section*{FREN 26000 - French Novel in Translation (1600-1900)}

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of French novel; its relationship to other literary genres.
3 hrs
3 cr.

FREN 26100 - Modern French Novel in Translation (1900-Present)

Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
\(3 c r\).
FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
PD/C or D
GER
3/A
The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr .
FREN 27500 - Introduction to French Literature

Pluralism and Diversity
PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.
prereq: FREN 20200 or four yrs high school French
3 hrs
\(3 c r\).
FREN 31100 - Advanced French Grammar
prereq: FREN 20200
3 hrs
3 cr .
FREN 31200 - French Oral and Written Expression
prereq: FREN 20200 or equiv.
3 hrs
3 cr .

\section*{FREN 32100 - French Translation}
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prereq: FREN 20200 or equiv.
3 hrs
cr.
FREN 33500 - French Culture I
Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
cr.

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\section*{FREN 33600 - French Culture II}
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Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3cr.

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FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press. prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr .

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century
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Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 20200 or four yrs high school French
3 hrs
cr.

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FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER

\section*{FREN 34300 - Medieval and Renaissance French Literature}

Pluralism and Diversity
PD/D
GER
3/A
From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and
Montaigne.
FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr .
FREN 34400-17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruye, Mme de Lafayette, La Fontaine, Malherbe, Molire, Pascal, Racine, Mme de Sign Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 34600-18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Ch'nier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Provost, Rousseau, Sade, Voltaire.
prereq: FREN 34100 and 34200
3 hrs
3 cr .
FREN 34800-19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Sta, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr .

\section*{FREN 34900-19th Century French Literature (1850-1900)}
```

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Barbey durevilly, Barr's, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarm,
Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de 1sle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
cr.

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FREN 35000-20th Century French Literature (1900-1950)
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Pguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Kolt's, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 35300 - Survey of Francophone Literature

GER
3/A
A study of literature produced in French-speaking regions and nations (other than France) such as North and West

Africa, the Caribbean, Vietnam and Quebec.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36200-The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr .

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr .

\section*{FREN 36500 - The 20th Century: Special Topics}

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr .

\section*{FREN 36600 - French Cinema: Special Topics}
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Pluralism and Diversity
PD/D
GER
3/A
Topics to be offered may concern historical, thematic, or aesthetic issues in French-language cinema prereq: FREN 34100 and FREN 34200 or equivalent
4 hrs
3 cr .

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\section*{FREN 37500 - Seminar in French Literary History}
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Pluralism and Diversity
PD/D
GER
3/A
Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
cr.

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FREN 39900 - Second Language Acquisition
prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr .
FREN 49100 - Honors Course in French

\section*{Pluralism and Diversity}

PD/D
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr .

\section*{FREN 49500 - Independent Study in French Literature}
prereq: perm adviser
1-3 cr.

\section*{Romance Languages, Division II: Italian}

\section*{ITAL 10100 - Elementary Italian I}

\author{
Hunter Core \\ World Culture and Global Issues (WCGI) \\ Language lab. \\ There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) \\ and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL \\ 10100 not usually credited without ITAL 10200. For details about credit policy, please see Appendix II: Foreign \\ Language Requirement. \\ 3 hrs \\ 3 cr .
}

\section*{ITAL 10200 - Elementary Italian II}

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr .

\section*{ITAL 10251 - Elementary Italian Conversation}

Not credited toward language requirement. Elementary Italian conversation at the 2nd-semester level.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
coreq: ITAL 10200 or perm instr.
2 hrs
2 cr .
ITAL 10300 - Intensive Elementary Italian

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

6 hrs
6 cr .

\section*{ITAL 20100 - Intermediate Italian I}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr .

\section*{ITAL 20200 - Intermediate Italian II}

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.

\section*{ITAL 20300 - Intensive Intermediate Italian}

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 10200 or 10300
6 hrs
6 cr.

\section*{ITAL 22100 - Italian for Oral Communication}

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or perm dept.
3 hrs
3 cr .

ITAL 26000 - Modern Italian Short Story (W)
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Pluralism and Diversity
PD/D
GER
2/C

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In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ENGL 120 or equiv.
3 hrs
3 cr .

\section*{ITAL 27500 - Masterpieces of Italian Literature}

In English. Selections from Dante to Leopardi. Strongly recommended before taking any 300- level course. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 27600 - Dante's Divine Comedy in English (W)}

Pluralism and Diversity
PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{ITAL 28000 - The Italian Renaissance: An Introduction}

\section*{Hunter Core}

Individual and Society
Pluralism and Diversity
PD/D
GER
2/C

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 31100 - Advanced Italian Grammar}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 20200 or equiv.
3 hrs
\(3 c r\).

\section*{ITAL 31200 - Advanced Italian Composition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 31100 or equiv.
3 hrs
3 cr .

\section*{ITAL 32100-Italian Translation}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two. prereq: ITAL 311 or equiv.
3 hrs
3 cr .

\section*{ITAL 33100 - Italian Phonetics and Diction}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr .
ITAL 33400 - Italian Civilization in the Baroque, in English
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Pluralism and Diversity
PD/D
GER
2/C

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An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation
3 hrs
\(3 c r\).

\section*{ITAL 33500 - Italian Culture I}

\section*{GER}

2C
In English. Main intellectual-artistic currents from the 12th to 15th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
\(3 c r\).
ITAL 33600 - Italian Culture II

GER
2/C

In English. Main intellectual-artistic currents from the 16th to 20th century.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 120
3 hrs
3 cr.

\section*{ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English}

\section*{Pluralism and Diversity \\ PD/C \\ GER \\ 2/C}

Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{ITAL 33800-19th and 20th Century Italian Women Writers, in English}

\section*{Pluralism and Diversity}

PD/C
GER
3/A

Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Marghenta Guidacci, Maria Luisa Spaziani.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000
3 hrs
3 cr .
ITAL 33900 - Italian American Women Writers and Artists: Issues of Identity (W)

Pluralism and Diversity
PD/C
GER
3/A

In English. An active exploration of feminine Italian American identity through literature, film and visual arts. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ENGL 12000

3 hrs
3 cr .

ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
\(3 c r\).
ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present

Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr .

\section*{ITAL 34300 - Dante's Vita Nuova and Inferno}

Pluralism and Diversity
PD/D
GER
3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
\(3 c r\).
ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34300
3 hrs
3 cr .

\section*{ITAL 34500 - Dante's Paradiso and Major Prose Works}
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Pluralism and Diversity
PD/D
GER
3/A

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There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: ITAL 34300
3 hrs
\(3 c r\).

\section*{ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism}
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Pluralism and Diversity
PD/D
GER
3/A

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Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 34700-16th Century Italian Literature}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 34800-17th and 18th Century Literature}

\section*{Pluralism and Diversity}

PD/D
GER
3/A
Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100

3 hrs
3 cr .

\section*{ITAL 34900 - The Modern Italian Lyric}
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Pluralism and Diversity
PD/D
GER
3/A

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From Leopardi to contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35000 - The Modern Italian Novel}

\section*{Pluralism and Diversity \\ PD/D \\ GER \\ 3/A}

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL \(\mathbf{3 5 1 0 0}\) - The Modern Italian Theatre}

\section*{GER}

3/A
Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 35200 - The Italian Novel and Cinema}

\section*{GER}

3/A
Selected works by 20th century writers - in English translation - and the movies they inspired, with particular attention to theme, milieu, perspective, genre, stylistic techniques, and aesthetic results.
prereq: ENGL 22000 or perm. instr.

4 hrs
3 cr .

\section*{ITAL 36000 - The Middle Ages: Special Topics}

\section*{GER \\ 3/A}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36100 - The Renaissance: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100
3 hrs
3 cr .

\section*{ITAL 36200-The 17th Century: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36300 - The 18th Century: Special Topics}

GER
3/A
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36400 - The 19th Century: Special Topics}

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr .

\section*{ITAL 36500 - The 20th Century: Special Topics}

\section*{GER}

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34200
3 hrs
3 cr.

\section*{ITAL 37000-Italian Literature: Special Topics}

\section*{GER}

3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr.

\section*{ITAL 37500 - Seminar in Italian Literary History}

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34100, 34200
3 hrs
3 cr .

\section*{ITAL 39900 - Second Language Acquisition}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr .

\section*{ITAL 49100 - Honors Course in Italian}

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Major GPA of 3.2 and cumulative GPA of 2.8.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: at least five courses in Italian literature and civilization; perm chair
3 hrs
3 cr .

\section*{ITAL 49500 - Independent Study in Italian Literature}

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. prereq: perm dept. adviser
1-3 cr.

\section*{Romance Languages, Division III, Spanish—First-Level Language Courses}

\section*{SPAN 10100 - Elementary Spanish I}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Appendix II: Foreign Language Requirement.
3 hrs
3 cr .

\section*{SPAN 10200 - Elementary Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr .

\section*{SPAN 10251 - Elementary Spanish Conversation}

Elementary Spanish conversation at second semester level. Not credited toward language requirement. Not open to native speakers.
Spanish for English speakers.
coreq: SPAN 102 or perm instr.
2 hrs
\(2 c r\).

\section*{SPAN 10300 - Intensive Elementary Spanish}

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr .

\section*{Hunter Core}

World Culture and Global Issues (WCGI)
Spanish for native speakers.
3 hrs
3 cr .

\section*{SPAN 10600-Oral and Written Skills for Native Speakers of Spanish}

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.
3 hrs
3 cr .

\section*{SPAN 20000 - Basic Spanish Review}

Designed for students whose study of Spanish has been interrupted for a minimum of four (4) yrs and who wish to continue their study of Spanish. It is not suitable for native or heritage speakers of the language. This course bridges the gap between the high elementary and intermediate levels. It provides grammar review needed for oral and written expression and emphasizes the active use of the language through task-oriented activities and discussion of cultural and literary texts.
Spanish for English speakers.
prereq: dept. placement exam, three yrs high school Spanish or three sems college Spanish
3 hrs
\(3 c r\).

\section*{SPAN 20100 - Intermediate Spanish I}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr .

\section*{SPAN 20200 - Intermediate Spanish II}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr .

\section*{SPAN 20300 - Intensive Intermediate Spanish}

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr .
SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr.

SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.

SPAN 21000 - Spanish for Social Service Fields

Spanish for English speakers.
prereq: SPAN 20100 or equiv.
3 hrs
3 cr.

\section*{Romance Languages, Division III, Spanish—Second-level Courses}

\section*{SPAN 21100 - Spanish Grammar and Composition}

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

SPAN 21200 - Spanish for Classroom Communication
prereq: SPAN 20100 or equiv.
3 hrs
3 cr .

SPAN 22100 - Spanish for Oral Communication

Not for fluent Spanish speakers.
prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr .

SPAN 27000 - Spanish Composition for Spanish Speaking Students
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

\section*{SPAN 27500 - Readings in Modern Spanish Literature}
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Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm
3 hrs
3cr.

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SPAN 27600 - Readings in Modern Spanish- American Literature

Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.

\section*{Romance languages, Division III, Spanish—Third-level Courses SPAN 31100 - The Structure of Modern Spanish}

Descriptive study of the structure of the Spanish language. Morphosyntactical analysis. Required of all Spanish majors. prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr .

\section*{SPAN 31200 - Advanced Spanish Writing}

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr .

\section*{SPAN 31300 - Spanish Stylistics}

Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.
prereq: ENGL 12000; SPAN 31100, 31200, 34100, 34200
3 hrs
3 cr .

SPAN 31400 - Spanish Writing Workshop I: Poetry

Creative self-expression in Spanish through writing poetry. prereq: ENGL 12000; SPAN 31100, 31200, 31300, 34100, 34200
3 hrs
3 cr.
SPAN 31500 - Spanish Writing Workshop II: Narrative

Creative self-expression in Spanish through writing narrative.
prereq: ENGL 12000; SPAN 31100, 31200, 31300, 34100, 34200
3 hrs
3 cr .

\section*{SPAN 32100 - Spanish Translation}
prereq: SPAN 31100, 31200; ENGL 12000

\section*{SPAN 33500 - Spanish Civilization}

Pluralism and Diversity
PD/D
GER
3/A
Geographical, historical, political, literary, artistic and industrial evolution of Spain. Given in Spanish. Highly recommended.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{SPAN 33600 - Latin American Civilization}

\section*{GER}

3/A
Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr .

\section*{SPAN 34100 - Introduction to Hispanic Literature I}

Pluralism and Diversity
PD/D
GER
3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
\(3 c r\).

\section*{SPAN 34200 - Introduction to Hispanic Literature II}

Pluralism and Diversity
PD/D
GER

3 hrs
3 cr .

\section*{SPAN 34300 - Spanish Literature of the Middle Ages}
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Pluralism and Diversity
PD/D
GER
3/A
After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the12th Century, especially in Libro de buen amor.
prereq: SPAN 34100
3 hrs
3 cr .

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SPAN 34500 - Spanish Drama of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A
Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 34600 - Cervantes}

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35000 - Spanish Poetry of the Golden Age}

\section*{Pluralism and Diversity}

PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 35300 - Spanish Neoclassicism and Romanticism}

Pluralism and Diversity
PD/D
GER
3/A
Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3 cr .

\section*{SPAN 35500 - Spanish Literature from Realism to World War I}
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Pluralism and Diversity
PD/D
GER
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3 cr .

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\section*{SPAN 35700 - Early 20th Century Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A
Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
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prereq: SPAN 34100

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3 hrs
3 cr .

\section*{SPAN 35800 - Post-Civil War Spanish Literature}
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Pluralism and Diversity
PD/D
GER
3/A
Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3cr.

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SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A
Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence. prereq: SPAN 34100
3 hrs
3 cr .
SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A
Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
\(3 c r\).
SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36600 - Contemporary Latin American Poetry}

\section*{GER}

3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr.

\section*{SPAN 36700 - Latin American Essay}

GER
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked LatinAmerican history.
prereq: SPAN 34100
3 hrs
3 cr .

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr .
SPAN 37400 - Contemporary Literature and Film

GER
3/A

Conducted in Spanish. Analysis of contemporary novels from Latin America and Spain and the films based upon them prereq: SPAN 34100 or instructor permission
3 hrs
3 cr.

\section*{SPAN 37600 - Time, Love and Death in Spanish Poetry from the Middle Ages to the Postmodern Age}

This course, taught in Spanish, focuses on three poetic themes (time, love and death) and on the relationship between an epoch its literary styles. It is designed for advanced students and entails the study of poems from pre-modern, modern and post-modern times. The course also explores theoretical issues related to the Romantic revolution and post modernity.
prereq: SPAN 34100, 34200
3 hrs
3 cr .

\section*{Romance Languages, Division III: Spanish—Translation and Interpretation Courses}

\section*{SPAN 38000 - Introduction to Translation and Interpretation Studies}

Provides an introduction to basic concepts and techniques of translation and interpretation and develops a systematic approach to resolving language transference problems.
prereq: SPAN 31100 and 31200
3 hrs
3 cr .

\section*{SPAN 38100 - Translation from Spanish into English}

Develops proficiency in translating from Spanish into English. The student will work with a variety of general Spanish texts and develop skills for analyzing and rendering them accurately into English. In addition, s/he will examine the best ways to handle idiomatic expressions, tenses and other complex grammatical structures. S/he will become familiar with the relevant terminology and theoretical issues, as well as learn how to select and evaluate dictionaries and other research materials.
prereq: SPAN 38000
3 hrs
3 cr .

\section*{SPAN 38200 - Consecutive Interpretation Spanish-English/English-Spanish}

An overview of the principles of consecutive interpretation.
prereq: SPAN 38000
3 hrs
3 cr .

\section*{SPAN 38300 - Translation from English into Spanish}

Reinforces the basic principles of translation taught in SPAN 3800 with more advanced texts, and adds a special emphasis on style and the specific demands of certain categories of texts, as well as theoretical discussion regarding choices in translation.
prereq: SPAN 38000
3 hrs
3 cr .

\section*{SPAN 38400 - Simultaneous Interpretation Spanish-English}

Designed so that students may begin working directly on the skills, protocol and practice of simultaneous interpretation, analyze in detail its processes, and review the settings in which it is used.
prereq: SPAN 38000
3 hrs
3 cr .

\section*{SPAN 39000-Translation and Interpretation for the Professions}

This series of courses will focus each semester on a different professional area, such as legal, medical, business, technical-scientific, social, and literary translation.
prereq: varies by course
3 hrs
3 cr .

\section*{SPAN 39100 - Internship in Translation}

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship. It consists of 70 hours of practical work in translation for a financial institution, law firm, translation agency, the United Nations, or other organization. In addition, the student must attend regularly scheduled meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional translation.
prereq: SPAN 38100-38400, 39000
3 hrs
3 cr .

\section*{SPAN 39200 - Internship in Interpretation}

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship to train them in real-world interpreting skills in the context of court interpreting, parliamentary procedure, diplomatic etiquette, conference organization, etc. This internship consists of 70 hours of practical work in interpretation as well as frequent meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional interpretation.
prereq: SPAN 38100-38400, 39000
3 hrs
3 cr .

\section*{Romance Languages, Division III: Spanish—Spanish Courses taught in English}

\section*{SPAN 24100 - Civilization of Spain, in English}

\section*{Hunter Core}

World Culture and Global Issues (WCGI)

\section*{Pluralism and Diversity}

GER 2/C PD/D
An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{SPAN 26300 - Contemporary Spanish-American Literature in Translation}

Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{SPAN 26400 - Contemporary Spanish Literature in Translation}

Cela, Lorca, Unamuno, Ortega y Gasset.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
\(3 c r\).

\section*{SPAN 26500 - Don Quixote (in English translation) (W)}

Pluralism and Diversity
PD/D
GER
3/A

Commentary and analysis of Cervantes' novel in its entirety, read in English translation. Examination of its main themes within the sociohistorical and literary contexts, as well as its essential role in the development of the modern novel.
Writing Intensive
prereq: ENGL 12000
3 hours
3 credits

\section*{SPAN 26500 - Don Quixote in English Translation}
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Pluralism and Diversity
PD/D
GER
3/A

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Conducted in English. Commentary and analysis of Cervantes' novel in its entirety in English translation. Examination of its main themes within their socio-historical and literary contexts, as well as its essential role in the development of the modern novel.

3 hrs
3 cr .

\section*{SPAN 26900 - Spanish American Women's Literature and Cinema (W)}

Pluralism and Diversity
PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.cross-listed WGSA 26900 prereq: ENGL 12000
3 hrs
3 cr.

\section*{SPAN 33100 - Spanish Phonetics and Diction}

Third-level courses are designed for students who want to major in Spanish or are highly qualified and are accepted by the Spanish adviser. SPAN 31100-31500 are designed to prepare students to write professionally. SPAN 31100 and 31200 are required for all Spanish majors and recommended for other qualified students who have completed first-level courses.
prereq: SPAN 20200 or equiv.
3 hrs
3 cr .

\section*{Romance Languages, Division III: Spanish—Special Topics and Honors}

\section*{SPAN 37000 - Special Topics in Spanish Literature}

Pluralism and Diversity
PD/D
GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.

SPAN 37100-Special Topics in Spanish- American Literature

\section*{GER}

3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
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3 hrs
3cr.
SPAN 37300 - Problems in Criticism

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\section*{GER}
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3/A
Major trends in contemporary literary theory and criticism.
prereq: SPAN 34100
3 hrs
3 cr .

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SPAN 37500 - Seminar in Spanish Literary History

Pluralism and Diversity
PD/D
GER
3/A

Recommended for seniors. Readings, discussion and reports.
prereq: SPAN 34100, 34200
3 hrs
3 cr .

SPAN 39900 - Second Language Acquisition
prereq: at least three courses at the 300- level in the language; ENGL 12000
3 hrs
3 cr .
SPAN 49100 - Honors Course in Spanish: Special Studies in Contemporary Latin American Literature

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Group meetings, conferences, oral and written reports.
prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3 cr .
SPAN 49200 - Honors Course in Spanish: Special Studies in Spanish Literature
\(\mathrm{Jr} / \mathrm{Sr}\) only. Group meetings, conferences, oral and written reports.
prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3 cr.

SPAN 49500 - Independent Study in Hispanic Literature

Pluralism and Diversity
PD/D

\section*{Romance Languages, Division !V Portuguese}

\section*{PORT 10100 - Elementary Portuguese I}

\author{
Hunter Core \\ WC \\ Elementary Portuguese. Language Lab \\ PORT 10100 not usually credited without PORT 10200 \\ 3 hrs \\ 3 cr.
}

PORT 10200 - Elementary Portuguese II

Elementary Portuguese II language lab
PORT I0200 not credited without PORT 10100
3 hrs
3 cr.

PORT 20100 - Intermediate Portuguese I

Intermediate Portuguese I
prereq: PORT 10200 or two years of high school Portuguese
3
3 cr .

PORT 20200 - Intermediate Portuguese II

Intermediate Portuguese II

3 hrs
3 cr .

\section*{Programs and Courses in Sociology}

\section*{Sociology}

\section*{About the Department}

A major in sociology provides the undergraduate with the opportunity to gain a distinct intellectual perspective and a method of inquiry. By continually testing conventional wisdom against evidence, the study of sociology encourages the development of critical judgment. By routinely considering the matrix of social and cultural facts, such study can lead students to an understanding of the conditions under which social facts emerge, and the consequences they have for individuals, groups, societies and social institutions. It can also help students better understand their own roles in the array of social institutions in which they are entwined.

Our courses provide a foundation for the student who desires to pursue advanced graduate studies in sociology leading to teaching positions. The department offers a wide range of specialties offering students flexibility in their choice of PhD programs. A major in sociology also helps to prepare students for many careers: social research, marketing, media, and other fields in the private sectors, as well as law, civil service and public policy, social work, the health professions, personnel work and other human-service areas.

Majors are encouraged to develop skills in observation, interviewing, and other data-collection techniques; data processing; statistical and content analysis; and trend analysis - all marketable skills in many career lines.

\section*{Programs and Courses}

Programs and Courses in Sociology

\section*{Administration and Faculty}

\author{
Department Office: \\ 1622 West \\ (212) 772-5585 \\ fax: (212) 772-5645 \\ Web site: http://maxweber.hunter.cuny.edu/socio \\ Chair: \\ Lynn Chancer \\ 1622A West \\ (212) 772-5635 \\ lchancer@hunter.cuny.edu \\ Advising Office: \\ Mark Halling: Day Adviser \\ Michael Wood: Evening Adviser \\ 1619 Hunter West \\ (212) 772-5576 \\ Fax: (212) 772-5645 \\ E-mail: socadvis@hunter.cuny.edu
}

\section*{Graduate Advising:}

Howard Lune
1601 Hunter West
(212) 772-5641

Faculty
Sociology Faculty
HEGIS Code: 2208

\section*{Undergraduate Major}

\section*{Sociology}

\section*{BA in Sociology}

The department recommends a GPA of at least 2.3 when declaring the major. Prospective majors should also complete SOC 10100 Introduction to Sociology.

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{SOC 10100 - Introduction to Sociology}

\section*{Hunter Core}

Individual and Society (Social Sciences) -I\&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

\section*{Hunter Core Requirement}

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:

\section*{Appendix I: Hunter Core Requirement}

In the case of Sociology, the course that meets CCC is:
\begin{tabular}{lll} 
Course & CUNY Common Core & \begin{tabular}{l} 
Foundational Or \\
Major
\end{tabular} \\
SOC & CUNY Common Core Individual and Society (Social Sciences) I\&S SS 1 & Foundational \\
\(\mathbf{1 0 1 0 0}\) & Course & \\
Please note that no more than two courses from any one department will count for the CUNY Common Core. \\
Major (27 credits)
\end{tabular}

\section*{1. Required Courses (6 cr.)}

\section*{SOC 24000 - Introduction to Research Methods}

\section*{GER}

3/B
Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 24100 - Social Statistics}

\section*{GER}

3/B
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory. prereq: SOC 10100
3 hrs
3 cr .
2. Sociological Theory (6 cr.)

SOC 22100-Classical Sociological Theory

Pluralism and Diversity
PD/D
GER
3/B
Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr .

SOC 22300-Current Sociological Theory
GER
3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3 cr .
3. Electives (15 cr.)

Of the remaining 15 credits, at least 6 must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement.

\section*{SOC 33100 - Field Placement in Social Work Agencies}

\section*{GER}

3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper. prereq: SOC 10100, perm instr.
8 hrs per week
3 cr .

\section*{SOC 33200 - Advanced Field Placement in Social Work Agencies}

GER
3/B

Supervised work in social service agency, weekly seminar, agency-based research project.
prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr.

\section*{SOC 37101 - Independent Study}

GER
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

\section*{SOC 37200 - Independent Study}

GER
3/B
Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr . each sem

\section*{SOC 47100 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 47200 - Honors/Independent Study}

\section*{GER}

3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 49800 - Internship}

GER
3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.
prereq: SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty
hrs TBA
3-6 cr.

\section*{Areas of Concentration}

Students may design their own areas of concentration but they are not required to do so.

\section*{1. Urban Sociology \& Immigration}

\section*{SOC 21100 - Urban Sociology}

\section*{GER}

3/B

The relationships of space and society, with special attention to the nature and problems of urban life. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21700-Race and Ethnicity}

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100

3 hrs
3 cr .

\section*{SOC 30700 - Migration}

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr .
SOC 22507 Asians in the US
SOC 32500 Second Generation Asian Americans

\section*{2. Policy \& Institutions: Family, Education, Health \& Social Work}

\section*{SOC 20100 - The Family}

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 20300 - Education}

GER
3/B

Education viewed cross-culturally and historically. Schools and colleges as social systems.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23100 - Introduction to Social Work Profession}

GER
3/B
Introduction to and critical analysis of the social work profession in American society.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23500 - Community Organization and Action}

\section*{GER}

3/B
Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23700 - Social Welfare Policy}

GER
3/B
Development of welfare institutions. Consequences of welfare services for client and community.
prereq: SOC 10100
3 hrs
3 cr .
SOC 23900 - Child Welfare (W)

GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

\section*{SOC 30100 - Medical Sociology}

GER
3/B
Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31500 - Work and Society (W)}

GER
3/B
Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed WGSL 31500
prereq: SOC 10100

3 hrs
\(3 c r\).

\section*{SOC 32100 - Sociology of Organizations}

\section*{GER}

3/B
Organization, structure, and processes; relationship between individual and organization.
prereq: SOC 10100
3 hrs
3 cr

SOC 33000 - Children and Public Policy (W)

\section*{GER}

3/B

Study of changes in children's lives, including family composition, parental work, child care, and poverty, as well as the day-to-day lives of children living in poverty and immigrant families. The historical evolution of public policies and current policy issues are studied as they relate to children, particularly education, income support, and health policies. International policy comparisons are highlighted
prereq: ENGL 12000
3 hrs
\(3 c r\).
SOC 325 xx Food and Society

\section*{3. Comparative/Cross-Cultural/Global Studies}

\section*{SOC 20500 - Sociology of Religion}

\section*{GER}

3/B
Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36100 - Development and Modernization (W)}

Pluralism and Diversity
PD/A
GER
3/B
Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36200 - Sociology of Islam (W)}

\section*{GER}

3/B

Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36400 - Globalism and Nationalism}

\section*{GER}

3/B
This course covers the emergence, spread, and decline of global cultural identities and practices in individual nationstates. It further explores the origin, character, and vicissitudes of nationalism in the global area.
prereq: SOC 10100
3 hrs
3 cr

\section*{4. Culture, Media and Social Psychology}

SOC 20700 - Leisure, Recreation and Sports

\section*{GER}

3/B
Role and social organization of leisure and recreation in traditional and modern society.
prereq: SOC 10100
3 hrs
3 cr .

SOC 25100 - Interpersonal Behavior

GER
3/B
Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3 cr .

SOC 25900 - Mass Media, Communication and Public Opinion (W)

GER
3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr .

\section*{SOC 31400 - Culture and Consumption}

\section*{GER}

3/B

The structure and patterning of everyday life as concerned with material well-being. Symbolic and moral dimensions of food and living arrangements, as well as commerce and the marketplace.
prereq: SOC 10100
3 hrs
3 cr .
5. Research Methods, Demography, \& Applied Sociology

SOC 23500 - Community Organization and Action

\section*{GER}

3/B
Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 24000 - Introduction to Research Methods}

\section*{GER}

3/B
Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

SOC 24100 - Social Statistics

GER
3/B
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
\(3 c r\).

\section*{Pluralism and Diversity}

PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

GER
3/B
Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31300-Consumer Behavior}

GER
3/B
Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32100-Sociology of Organizations}

\section*{GER}

3/B
Organization, structure, and processes; relationship between individual and organization.
prereq: SOC 10100
3 hrs
\(3 c r\)
SOC 425xx Mapping Social Science Data
SOC 425xx Ethnographic Research \& Interviewing
SOC 425xx Research Design
SOC 425xx Statistics
SOC 42555 Focus Group Research
SOC 70900 Statistics (graduate course)
SOC 71600 - Workshop Information Technology (graduate course)
SOC 75200 - Focus Group Research
6. Crime, Law, \& Deviance

\section*{SOC 32000 - Law, Society and Civil Rights}

\section*{GER}

3/B

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32200 - Drugs and Society}

\section*{GER}

3/B
The course focuses on the social, cultural and historical dimensions of drug use, and treats the causes and consequences of drug use and abuse as a social -rather than bio-physical phenomenon. Course topics may include: drug use as a universal phenomenon, regulatory issues related to drugs, especially in relation to race, class and subcultures; and drugs as a media phenomenon.
prereq: SOC 10100
3 hrs
3 cr
SOC 325xx Sociology of Crime and Punishment

\section*{7. Inequality and Social Movements: Gender, Race, Class, Sexualities}

\section*{SOC 21300 - Political Sociology}

\section*{GER}

3/B
Power, authority, political ideologies, and patterns of participation. Articulation and resolution of political issues in contemporary societies in the context of globalization.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21700 - Race and Ethnicity}

\section*{Pluralism and Diversity}

PD/B
GER
3/B
Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21800-Social Inequality}

\section*{GER}

3/B
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Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .

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SOC 21900-American Society (W)

GER
3/B
Analysis of social structures and culture of the contemporary USA.
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

SOC 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 30900 - Social Movements and Social Change (W)}

GER
3/B
Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr .

SOC 31700 - Class, Status, and Power

GER
3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status',
and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr .

\section*{Independent Study}

These options allow students to initiate and carry out a course of study of their own choosing under the guidance of a full-time faculty sponsor. Students must have a written proposal and a general plan of study to submit to the potential faculty mentor.

Students may pursue independent study through

\section*{SOC 37101 - Independent Study}

\section*{GER}

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

\section*{SOC 37200 - Independent Study}

\section*{GER}

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr. each sem
or

\section*{SOC 47100 - Honors/Independent Study}

GER
3/B
Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr . each sem
SOC 47200 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr . each sem

\section*{Honors}

In order to graduate with departmental honors in sociology, students must have a 3.0 GPA overall and a 3.5 GPA in sociology; at least 21 of the credits toward the major should have been courses taken at Hunter College.

\section*{Students must complete either an Honors Seminar}

\section*{SOC 47300 - Honors Seminar}

\section*{GER}

3/B

Honors paper.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{or an Honors Independent Study}

\section*{SOC 47100 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 47200 - Honors/Independent Study}

\section*{GER}

3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr . each sem
or a graduate course

\section*{SOC 42500 - Seminar in Selected Problems of Sociology}

\section*{GER}

3/B

Advanced seminar: reading, discussion, and papers on significant problems in sociology and in applied social research; in most cases cross-listed with graduate social research course or seminar.
prereq: SOC 10100, perm instr.
3 hrs
3 cr

\section*{Additional Information}

Students whose GPAs are within this range are urged to consult their adviser before planning senior year programs of study, since honors seminars are generally offered only once per year, usually in the fall semester. In addition, students qualifying for departmental honors are eligible for membership in Alpha Kappa Delta, the International Sociology Honor Society. See adviser for more information.

\section*{Internships}

Provided students secure approval of a full-time faculty member, internships can be carried out for 3 to 6 credits in the areas of marketing, media, and politics, with other areas provided faculty supervision can be secured. Interested students must meet the requirements listed under the SOC 49800 entry.

\section*{Awards}

The Department of Sociology offers four prestigious awards to outstanding students in sociology and applied social research. Once a year at the end of the spring term the Benjamin Ringer Award, carrying a cash stipend of \(\$ 100\), is granted for the best undergraduate paper in the areas of ethnic and race relations. The endowed Rosalyn Tough Award is granted with a tuition remission to one outstanding sociology student. Two Suzanne Keller Awards with a stipend of \(\$ 250\) each are granted at the end of the academic year. One goes to the graduating sociology major with the best academic record. The second Keller award is given to the best BA/MS graduate entering the field of applied social research. For more information about the awards contact the departmental advisers.

\section*{Career Opportunities}

\section*{Applied Social Research}

Students interested in careers in research-related fields such as media and marketing research, policy analysis and evaluation, advertising, consumer behavior, and public opinion polling, as well as students who are contemplating graduate studies in sociology, are encouraged to gain research experience through selected coursework and independent research carried out under faculty supervision.

\section*{In addition to the following, which are required for the major,}

\section*{SOC 24000 - Introduction to Research Methods}

\section*{GER}

3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 24100 - Social Statistics}

\section*{GER}

3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
3 cr .

Select electives from the following:

\section*{SOC 25900 - Mass Media, Communication and Public Opinion (W)}

\section*{GER}

3/B
Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

\section*{GER}

3/B
Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 31300-Consumer Behavior}

GER
3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr .

\section*{Additional Information}

The department has also participated in a number of programs that place qualified minority students in summer research internships at leading universities. See advisers for more information.

\section*{Social Work}

Students interested in careers in social work or other human services are strongly encouraged to consult the pre-social work adviser (Prof. Poppendieck, Room 1603 Hunter West, (212) 772-5583, jpoppend@hunter.cuny.edu). The presocial work advising office offers information about graduate study in social work as well as help with program planning.

\section*{Pre-social work}

Pre-social work students without work experience in the human services should plan to take the following courses that provide supervised field experience.

\section*{SOC 33100 - Field Placement in Social Work Agencies}

\section*{GER}

3/B
Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.
prereq: SOC 10100, perm instr.
8 hrs per week
3 cr .

\section*{SOC 33200 - Advanced Field Placement in Social Work Agencies}

\section*{GER}

3/B
Supervised work in social service agency, weekly seminar, agency-based research project.
prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr .
Ideally, this coursework should be completed by the end of the junior year, and students must meet with the instructor in the previous semester to arrange a placement.

\section*{Directly related to social work}

While virtually all sociology courses are relevant to the practice of social work, several courses are directly related to social work

\section*{SOC 23100 - Introduction to Social Work Profession}

\section*{GER}

3/B
Introduction to and critical analysis of the social work profession in American society.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23500 - Community Organization and Action}

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 23700 - Social Welfare Policy}

GER
3/B

Development of welfare institutions. Consequences of welfare services for client and community. prereq: SOC 10100
3 hrs
3 cr.
SOC 23900 - Child Welfare (W)

GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

\section*{Graduate Courses}

Qualified undergraduates seeking more advanced or specialized work may, with the permission of the instructor, be permitted to take graduate courses. Consult the graduate catalog for course listings.

\section*{Sociology Minor}

The minor in sociology consists of 12 cr , including
SOC 10100 Introduction to Sociology
SOC 22100 Classical Sociological Theory
and two additional Sociology electives. It is recommended that one of the electives be at the upper division level (i.e. 300 level)

\section*{Undergraduate Major/Graduate Major}

\section*{Sociology/Social Research - Accelerated BA/MS}

\section*{Five-Year BA/MS Program}

For a limited number of qualified undergraduate students, the sociology department offers an accelerated five-year program leading to a BA in sociology and an MS in social research. The program requires a total of 145 credits of college work ( 100 undergraduate, 45 graduate). To get the maximum financial benefit from the BA/MS program, students should apply before the number of cumulative credits taken (including those being taken currently) exceeds 100 credits. All credits above 120 will be charged at the graduate tuition rates. The BA/MS program is a full-time program requiring 12 graduate credits per term.

In order to be admitted to the program, students must complete their basic requirements, including their major, pass an honors course or its equivalent (cross listed graduate course, honors independent study), have an overall GPA of 3.25 and meet other requirements of the MS program as outlined in the graduate catalog except for the GRE examination. BA/MS applicants should have no more than 100 credits completed before entering the program and can apply for fall or spring admission. After consulting with the undergraduate adviser to establish eligibility, students may apply to the Graduate Director. Applications require a cover letter/personal statement and include a copy of one's current transcript and two letters of recommendation.

Students are admitted to the BA/MS program at the end oft their junior year but must consult with the undergraduate advisor before they file the application.

\section*{Undergraduate Minor}

\section*{Minor in Sociology}

The minor in Sociology requires four courses with 12 credits which students have to pass with a GPA of at least 2.0. Students minoring in Sociology must take SOC 10100 - Introduction to Sociology, the prerequisite for all other sociology courses, SOC 22100 - Classical Sociological Theory and two additional courses selected from those offered on a regular basis. It is recommended but not required that one sociology course on the 300 or higher level be included.

\section*{Sociology: Lower Division}

\section*{SOC 10100 - Introduction to Sociology}

\author{
Hunter Core \\ Individual and Society (Social Sciences) -I\&S SS \\ GER \\ 2/B
}

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr .

\section*{SOC 20100 - The Family}
```

Pluralism and Diversity
PD/C
GER
3/B
Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr.

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\section*{SOC 20300 - Education}

\section*{GER}

3/B

Education viewed cross-culturally and historically. Schools and colleges as social systems.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 20500 - Sociology of Religion}

GER
3/B

Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 20900 - Arts in Modern Society}

\section*{GER}

GER 3/B

Art as a universal social institution and as the expression of symbolic world of cultural life. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21100 - Urban Sociology}

GER
3/B
The relationships of space and society, with special attention to the nature and problems of urban life. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21300 - Political Sociology}

\section*{GER}

3/B

Power, authority, political ideologies, and patterns of participation. Articulation and resolution of political issues in contemporary societies in the context of globalization.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21700 - Race and Ethnicity}

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21800 - Social Inequality}

\section*{GER}

3/B
Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .

SOC 21900-American Society (W)

GER
3/B

Analysis of social structures and culture of the contemporary USA.
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

SOC 22100 - Classical Sociological Theory

Pluralism and Diversity
PD/D
GER
3/B
```

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
cr.
SOC 22300 - Current Sociological Theory
GER
3/B
Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, major
3 hrs
3cr.

```

SOC 22500 - Seminar in Selected Problems of Sociology

GER
3/B

Lower-level seminar: reading, discussion, and papers on significant problems in sociology.
prereq: SOC 10100
3 hrs
3 cr .

SOC 23100 - Introduction to Social Work Profession

GER
3/B

Introduction to and critical analysis of the social work profession in American society.
prereq: SOC 10100
3 hrs
3 cr .

SOC 23500 - Community Organization and Action

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23700 - Social Welfare Policy}

GER
3/B

Development of welfare institutions. Consequences of welfare services for client and community.
```

prereq: SOC 10100

```

3 hrs
3 cr .

\section*{SOC 23900 - Child Welfare (W)}

\section*{GER}

3/B
Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr .

\section*{SOC 24000 - Introduction to Research Methods}

GER
3/B
Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 24100 - Social Statistics}

GER
3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
3 cr .
SOC 25100 - Interpersonal Behavior

GER
3/B
Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3 cr .
SOC 25300 - Deviance and Social Control

GER
3/B

Theories of causation and analysis of particular types of deviance: sexual, criminal, political.
prereq: SOC 10100
3 hrs
3 cr.

\section*{SOC 25700 - Sex and Gender Roles}
```

Pluralism and Diversity
PD/C
GER
3/B

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Sex role differentiation: femininity, masculinity, marriage, child rearing. cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr .
SOC 25900 - Mass Media, Communication and Public Opinion (W)

GER
3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr .

\section*{Sociology: Upper Division}

\section*{SOC 30100 - Medical Sociology}

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr .
SOC 30700-Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 30900 - Social Movements and Social Change (W)}

\section*{GER}

3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31100 - Population Dynamics}

\section*{GER}

3/B
Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31300-Consumer Behavior}

GER
3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31400 - Culture and Consumption}

GER
3/B
The structure and patterning of everyday life as concerned with material well-being. Symbolic and moral dimensions of food and living arrangements, as well as commerce and the marketplace.
prereq: SOC 10100
3 hrs
3 cr .
SOC 31500 - Work and Society (W)
GER
3/B
Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed WGSL 31500
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prereq: SOC 10100

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3 hrs
3 cr .

\section*{SOC 31700-Class, Status, and Power}

\section*{GER}

3/B
Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 31900 - Criminology}

\section*{GER}

3/B
Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32000 - Law, Society and Civil Rights}

GER
3/B

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 32100 - Sociology of Organizations}

GER
3/B

Organization, structure, and processes; relationship between individual and organization.
prereq: SOC 10100
3 hrs
\(3 c r\)
SOC 32200 - Drugs and Society

GER
3/B

The course focuses on the social, cultural and historical dimensions of drug use, and treats the causes and consequences of drug use and abuse as a social -rather than bio-physical phenomenon. Course topics may include: drug use as a universal phenomenon, regulatory issues related to drugs, especially in relation to race, class and subcultures; and drugs as a media phenomenon.
prereq: SOC 10100
3 hrs
3 cr

SOC 32500 - Seminar in Selected Problems of Sociology

GER
3/B

Upper-level seminar: reading, discussion, and papers on significant problems in sociology.
prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 32502 - Sociology of Human Rights: Violation and Protection

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

\section*{SOC 32506 - Latin American Societies}

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

SOC 32519 - Economic Development and Social Inequality in Latin America

GER
3/B
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

SOC 33000 - Children and Public Policy (W)

GER
3/B

Study of changes in children's lives, including family composition, parental work, child care, and poverty, as well as the day-to-day lives of children living in poverty and immigrant families. The historical evolution of public policies and current policy issues are studied as they relate to children, particularly education, income support, and health policies.
International policy comparisons are highlighted
prereq: ENGL 12000
3 hrs
3 cr.

\section*{SOC 33100 - Field Placement in Social Work Agencies}

GER
3/B
Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.
prereq: SOC 10100, perm instr.
8 hrs per week
3 cr .

\section*{SOC 33200 - Advanced Field Placement in Social Work Agencies}

\section*{GER}

3/B

Supervised work in social service agency, weekly seminar, agency-based research project.
prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr .

\section*{SOC 36100 - Development and Modernization (W)}

Pluralism and Diversity
PD/A
GER
3/B
Examinations of models of social change with a special focus on developing countries.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 36200 - Sociology of Islam (W)}

\section*{GER}

3/B
Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100

3 hrs
3 cr .

\section*{SOC 36400 - Globalism and Nationalism}

\section*{GER}

3/B

This course covers the emergence, spread, and decline of global cultural identities and practices in individual nationstates. It further explores the origin, character, and vicissitudes of nationalism in the global area.
prereq: SOC 10100
3 hrs
\(3 c r\)

\section*{SOC 37101 - Independent Study}

\section*{GER}

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

\section*{SOC 37102 - Independent Study}

GER
3/B

Completion of written assignment as proposed by student as approved and supervised by full-time faculty sponsor.
prereq: SOC 10100, perm instr.
2 hrs
2 cr

\section*{SOC 37103 - Independent Study}

GER
3/B

Completion of written assignment as proposed by student as approved and supervised by full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 hrs
3 cr .

SOC 37200 - Independent Study

GER
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 42500 - Seminar in Selected Problems of Sociology}

GER
3/B
Advanced seminar: reading, discussion, and papers on significant problems in sociology and in applied social research; in most cases cross-listed with graduate social research course or seminar.
prereq: SOC 10100, perm instr.
3 hrs
3 cr

\section*{SOC 47100 - Honors/Independent Study}

GER
3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr. each sem
SOC 47200 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department. prereq: SOC 10100, perm instr.
3 cr. each sem

\section*{SOC 47300 - Honors Seminar}

GER
3/B

Honors paper.
prereq: SOC 10100, perm instr.
3 cr. each sem
SOC 49800 - Internship

GER
3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.
prereq: SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty
hrs TBA
3-6 cr.

\section*{Sociology Courses less frequently offered}

SOC 20700 - Leisure, Recreation and Sports

GER
3/B

Role and social organization of leisure and recreation in traditional and modern society. prereq: SOC 10100
3 hrs
3 cr .

\section*{Programs and Courses in Theatre}

\section*{Theatre}

\section*{About the Department}

Department Desciption

\section*{Programs and Courses}

Programs and Courses in Theatre

\section*{Administration and Faculty}

\section*{Department Office:}

522 North
(212) 772-5148

Web site: http://www.hunter.cuny.edu/theatre
Chair:
Claudia Orenstein
522A North
(212)-772-5149
corenste@hunter.cuny.edu

Judith Jablonka
520H North
(212)-772-4642
jjablonk@hunter.cuny.edu

Faculty

Theatre Faculty
HEGIS Code: 1007

\section*{Undergraduate Major}

\section*{Theatre - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

\section*{Hunter Core \\ English Comp (EC) \\ GER \\ 1/A}

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

\section*{THEA 10100 - Introduction to Theatre}

\section*{Hunter Core \\ Creative Expression (CE) \\ GER \\ 2/D}

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr.
Hunter Core Requirement
Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be
to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major in Theatre (30 cr)}

Students must have earned at least 24 credits to declare a Theatre major.

\section*{THEA 21100 - World Theatre I (W)}

\author{
Hunter Core \\ Creative Expression (CE) \\ Pluralism and Diversity \\ PD/D \\ GER \\ 2/C
}

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

THEA 21200 - World Theatre II (W)

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

THEA 21300 - World Theatre III (W)

\section*{Hunter Core}

Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

\section*{THEA 25100 - Theatre Production}

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions
prereq: THEA 10100 or perm instr.
5 hrs
3 cr .

\section*{THEA 26100 - Acting II: American Realism}

GER
3/A
Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism. prereq: THEA 16100 or perm instr.
4 hrs
3 cr .

\section*{THEA 32100 - Play Analysis (W)}
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Pluralism and Diversity
PD/D
GER
3/A

```

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .

\section*{THEA 28100 - Visual Elements of Theatre}

\section*{GER}

3/A
Introduction to the theory and practice of various design elements and their contribution to theatrical production. Includes practical work on departmental productions.
prereq: THEA 10100
5 hrs
3 cr.
-or-
THEA 28500 - Design Concepts for Theatre, Film, and Television

\section*{GER}

3/A

Theoretical and practical elements of design in theatre, film, and television.
prereq: THEA 10100 or FILM 10100
3 hrs
3 cr .
- Electives chosen from 300-level courses 6 cr.
- 2 production crews (not-for-credit)

\section*{plus one course selected from the following:}

\section*{THEA 38100 - Scene Design I}

\section*{GER}

3/A

Theory and practice of scenic design for the stage. Includes practical work on departmental productions.
prereq: THEA 28100
5 hrs
3 cr .

THEA 38300-Costume Design I

\section*{GER}

3/A

Theory and practice of costume design for the stage. Includes practical work on departmental producations.
prereq: THEA 28100
5 hrs
3 cr .

THEA 38400 - Stage Lighting Design

GER
3/A

Principles, techniques, and practice of lighting for theatre, emphasizing its contribution to dramatic interpretation. prereq: THEA 28100
5 hrs
3 cr .
THEA 38500 - Production Design I for Theatre, Film, and Television

GER
3/A

Theory and practice in scenic design for theatre, film, and television.
prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3 cr .
THEA 38700 - Concepts of Light in Theatre, Film, and Television

GER
3/A

The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television: how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.
prereq: THEA 28100 or THEA 28500

\section*{Minor}

Theatre majors may select a minor from any department or program in the college that offers a program of study leading to a BA degree. Students should consult the departmental adviser regarding appropriate minor choices.

\section*{Minor in Theatre}

A Minor in Theatre requires a minimum of 12 credits in the Department of Theatre at the 200-level or higher of which at least 3 credits must be at the 300 -level (these are usually at least 3 credits). Minors are required to take all necessary prerequisites for these courses. Minors have access to all courses offered by the Department of Theatre. Minors are encouraged to participate in departmental and student productions. Interested students must meet with the undergraduate advisor in the Department of Theatre to declare a minor and to define their course of study.

\section*{Honors}

Open to any qualified junior or senior with a 3.5 GPA in Theatre and an overall minimum GPA of 2.7 and permission of the chair. Individual work under faculty supervision. Departmental honors granted at graduation.

\section*{Undergraduate Minor}

\section*{Minor in Theatre}

A Minor in Theatre requires a minimum of 12 credits in the Department of Theatre at the 200-level or higher of which at least 3 credits must be at the 300 -level (these are usually at least 3 credits). Minors are required to take all necessary prerequisites for these courses. Minors have access to all courses offered by the Department of Theatre. Minors are encouraged to participate in departmental and student productions. Interested students must meet with the undergraduate advisor in the Department of Theatre to declare a minor and to define their course of study.

\section*{Theatre: Basic Courses}

\section*{THEA 10100 - Introduction to Theatre}

\section*{Hunter Core}

Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant. 3 hrs
3 cr .

THEA 15100 - Introduction to Theatre Production

Lectures and practical backstage work in all aspects of production. Work on studio and major productions required. 5 hrs
2 cr .
THEA 16100 - Acting I: Basic Acting Techniques

For intended majors and non-majors. Exploration of the fundamentals of acting technique throughexercises and improvisation.
coreq:
3 hrs
3 cr .

\section*{Theatre: Intermediate Courses}

THEA 21100 - World Theatre I (W)
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .
THEA 21300 - World Theatre III (W)
```

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

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\section*{THEA 21400 - Multicultural Perspectives in Theatrical Performance (W)}

Pluralism and Diversity
PD/B
GER
3/A

Study of a selected minority theatre tradition in the United States: original roots, development, and influence on the cultural life of the group to be studied and on American culture in general. May be repeated for credit with a different topic.
prereq: THEA 10100
3 hrs
3 cr .
THEA 21500 - Black Theatre (W)

Pluralism and Diversity
PD/B
GER
3/A

Background and development, present practice, and future possibilities of Black theatre in America.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr .

\section*{THEA 25100 - Theatre Production}

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions
prereq: THEA 10100 or perm instr.
5 hrs
3 cr .

THEA 26100 - Acting II: American Realism

GER
3/A
Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism.
prereq: THEA 16100 or perm instr.
4 hrs
\(3 c r\).

\section*{THEA 26200 - Acting III: World Realism}

\section*{GER}

3/A
Continuation of scene study focusing on text analysis, personalization, objective and action using the world realistic repertory, such as the plays of Chekhov, Ibsen and Strindberg.
prereq: THEA 26100 or perm instr.
coreq: THEA 26300
4 hrs
\(3 c r\).

\section*{THEA 26300 - Basic Voice and Movement for Performers}

Linklater-based training including alignment, breath, movement skills, vibrations of sound, freeing the channel for sound, resonance. Integration of body, voice and dramatic text is emphasized.
coreq: THEA 26200
3 hrs
2 cr .

\section*{THEA 28100 - Visual Elements of Theatre}

GER
3/A
Introduction to the theory and practice of various design elements and their contribution to theatrical production. Includes practical work on departmental productions.
prereq: THEA 10100
5 hrs
3 cr .
THEA 28200-Theatrical Design Techniques

GER
3/A
Practical training in skills of drawing, painting, and model-making necessary for designing of scenery, costumes, and lights. Studio design work included. Prerequisite for all advanced design courses.
prereq: THEA 10100

\section*{THEA 28300-Stagecraft}

The theory and practice of executing scenery for the stage, including props construction, scenic painting, rigging, and new technologies. Includes required practical work on departmental productions.
prereq: THEA 10100
3 hrs
3 cr .

\section*{THEA 28400 - Makeup for the Stage}
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GER
3/A
Practical instruction in use of stage makeup.
prereq: THEA 10100
5 hrs
3cr.

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THEA 28500 - Design Concepts for Theatre, Film, and Television

\section*{GER}

3/A

Theoretical and practical elements of design in theatre, film, and television.
prereq: THEA 10100 or FILM 10100
3 hrs
3 cr .

\section*{Theatre: Upper-Level Courses}

\section*{THEA 32100 - Play Analysis (W)}

Pluralism and Diversity
PD/D
GER
3/A
Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .
THEA 32200 - Theatre Theory and Criticism (W)

Pluralism and Diversity
PD/D
GER
3/A
Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting. prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .
THEA 32300-20th Century Aesthetics in Theatre and Film (W)

GER
3/A

Points of interaction, mutual influence, and cross fertilization between theatre and film in theory and praxis. prereq: THEA 21300 or FILM 21100 or 21200; ENGL 12000
4 hrs
3 cr .

THEA 32400-Adaptation in Theatre and Film (W)

\section*{GER}

3/A
Examination of examples of works adapted to the stage or seen from another medium.
prereq: THEA 32100 or FILM 21100 or 21200; ENGL 12000
4 hrs
3 cr .

THEA 33100 - Avant-Garde Theatre of the 20th Century (W)

Pluralism and Diversity
PD/D
GER
3/A

Departures from realism Expressionism, Artaud, Brecht, Grotowski from Alfred Jarry to the present.
prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .

\section*{THEA 33200 - Theatre of Realism and Naturalism}

Pluralism and Diversity
PD/D
GER
3/A
Plays, theory, and stagecraft of realism and naturalism movements from the late 19th century to the present. prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr .

THEA 33300 - Alternative Performance

Pluralism and Diversity
PD/D
GER
3/A

Study of performance styles and practices using theatre and/or film in non-traditional modes.
prereq: THEA 21300 or THEA 32300
3 hrs
3 cr .

\section*{THEA 35100 - Theatre Workshop}

Individual assignments to backstage positions in production and management of departmental presentations.
prereq: THEA 25200
5 hrs
2 cr.

\section*{THEA 36100 - Acting: Non-realism}

\section*{GER}

3/A
Advanced scene study from non-realistic works such as absurdist, expressionistic, and post-modern plays.
prereq: THEA 10100, THEA 26200 or permission from instructor
4 hrs
3 cr .

\section*{THEA 36200-Acting: Period Drama}

Pluralism and Diversity
PD/D
GER
3/A

Advanced scene study from classical plays of the Elizabethan, French Neo-Classic, Restoration and ancient Greek periods.
prereq: THEA 21100 or 21200 or 21300; THEA 26200, 26300 or perm instr.
coreq: THEA 36300
4 hrs
3 cr .

\section*{THEA 36300-Advanced Voice and Movement for Performers}

GER
3/A
Continuation of training including increased capacity for breath, range, stamina, sound and movement, articulation, various classical text work. Integration of body, voice and dramatic text continues to be emphasized.
prereq: THEA 26300
coreq: THEA 36200
3 hrs
2 cr .
THEA 36400-Mime and Masks

GER
3/A
Practical course in mime and mask exercises for actors, designed to open new avenues for emotional expression.
prereq: THEA 36300
4 hrs
\(3 c r\).

\section*{THEA 36500-Screen Acting}

\section*{GER}

3/A
Fundamental techniques unique to acting in film and television.
prereq: FILM 10100, THEA 26200
4 hrs
\(3 c r\).

\section*{THEA 37100 - Directing I}

\section*{GER}

3/A
Principles of play production; directorial concepts; focusing audience attention on dramatic values.
prereq: THEA 2100 or 21200 or 21300, THEA 26100, 32100 or perm instr.
5 hrs
3 cr .
THEA 37200-Directing II
GER
3/A

Continued study of principles; incorporation of design elements; full laboratory production of one-act play by each student.
prereq: THEA 37100 or perm instr.
5 hrs
3 cr .
THEA 37600-Playwriting I (W)
GER
3/A
Study of problems in playwriting based on the student's own work.
prereq: THEA 10100 or perm instr.
3 hrs
3 cr .

\section*{THEA 37700-Playwriting II}

GER
3/A
Continued study of playwriting techniques, with emphasis on the structure and form of the full length play.
prereq: THEA 37600 or perm instr.
3 hrs
3 cr .

\section*{THEA 38100 - Scene Design I}

\section*{GER}

3/A
Theory and practice of scenic design for the stage. Includes practical work on departmental productions.
prereq: THEA 28100
5 hrs
\(3 c r\).
THEA 38200-Scene Design II

GER
3/A
Continued study of theory and practice of scenic design for the stage. Includes practical work on departmental productions.
prereq: THEA 38100
5 hrs
3 cr .

\section*{THEA 38300-Costume Design I}

GER
3/A
Theory and practice of costume design for the stage. Includes practical work on departmental producations. prereq: THEA 28100
5 hrs
3 cr .

\section*{THEA 38400 - Stage Lighting Design}

GER
3/A
Principles, techniques, and practice of lighting for theatre, emphasizing its contribution to dramatic interpretation. prereq: THEA 28100
5 hrs
3 cr .

\section*{THEA 38500 - Production Design I for Theatre, Film, and Television}

\section*{GER}

3/A
Theory and practice in scenic design for theatre, film, and television.
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prereq: THEA 10100 or FILM 10100 and THEA 28500

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4 hrs
\(3 c r\).
THEA 38600 - Production Design II for Theatre, Film, and Television
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GER
3/A
Theory and practice in costume design for theatre, film, and television.
prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3 cr .

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THEA 38700 - Concepts of Light in Theatre, Film, and Television

\section*{GER}

3/A
The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television: how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.
prereq: THEA 28100 or THEA 28500
3 hrs
\(3 c r\).
THEA 38800 - Theatres and Movie Palaces: Contemporary Culture

GER
3/A
Exploration of the architecture and evolution of selected 20th-century theatre and movie palaces.
prereq: THEA 21300 or FILM 21100
3 hrs
\(3 c r\).
THEA 39100 - Theatre Projects

GER
3/A

Experimental work in design or directing for advanced theatre students.
prereq or coreq: THEA 37200, 38100, perm chair
3 hrs
3 cr .

\section*{Theatre: Special and Individual Studies Courses}

GER
3/A

Credit for participation in the departmental production. This course may be taken up to three times for credit.
prereq: perm instr
5 hrs
3 cr.

\section*{THEA 29700-Special Topics in Theatre}

GER
3/A
Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.
prereq: perm dept.
1-3 hrs
1-3 cr.

\section*{THEA 39700-Studies in Theatre}

GER
3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester. prereq: variable
3 hrs
3 cr .
THEA 40100-Seminar

GER
3/A
Not offered at all times. Readings, discussion, and papers on significant problems in theatre and film.
prereq: perm dept.
3 hrs
3 cr .
THEA 40200 - Independent Research

GER
3/A
Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis with a faculty mentor.
prereq: perm chair
1-3 hrs
1-3 cr.

THEA 49800 - Internship

GER
3/A

Placement in appropriate off-campus locations, arranged on an individual basis with a faculty mentor.
prereq: perm dept.
1-6 hrs
1-6
THEA 49900 - Honors Project

GER
3/A

Open to majors only. Individual work under faculty supervision, qualifies student for departmental honors at graduation.
prereq: 3.5 major GPA, 2.7 overall GPA, perm chair
3 hrs
3 cr .
Theatre: Courses offered only upon sufficient student demand
THEA 24100 - Creative Dramatics

GER
3/A
THEA 24200 - Theatre for Young Audiences

GER
3/A

THEA 24300 - Theatre for Young Audiences: Laboratory

GER
3/A
THEA 24400 - Drama and Disability

GER
3/A
THEA 34100-Creative Drama Leadership Techniques: Special Groups

GER
3/A

THEA 34200-Creative Drama in the Community

\title{
Programs and Courses in Urban Policy and Planning
}

\section*{Urban Policy and Planning}

\section*{About the Department}

Hunter College Urban Policy and Planning (UAP) is a department within the School of Arts \& Sciences at Hunter College. The department is home to the undergraduate Urban Studies major which prepares students for graduate study and careers in public service. UAP offers two graduate degrees, an accredited Master in Urban Planning and a Master of Science in Urban Policy and Leadership.

Since its creation by advocacy planner Paul Davidoff in 1965, the department has consistently upheld a vision of urban affairs and planning as a multi-disciplinary field. In keeping with this vision, the department's faculty members represent a wide range of disciplines including architecture, economics, political science, public policy, social work, urban planning, and public health. They collectively bring a wealth of academic and professional expertise to their teaching. The program also benefits greatly from a distinguished part-time faculty who bring practical experience and knowledge in both public and non-profit sectors into the classroom.

\section*{Urban Studies Major}

If you are fascinated with city life or have wondered why America is car dependent, New York housing is expensive, the number 6 train is always late and crowded, or how you can make your neighborhood better, then urban studies is the right choice as a major. Urban studies takes students on an amazing path of discovery of urban life, providing answers about how cities function economically, socially, and politically. Going beyond the walls of Hunter, the curriculum also provides field-work experiences: an internship and studio class, which take students into neighborhoods to test what is learned in the classroom.

\section*{Preparation for Graduate Training and Employment}

Individuals with a bachelor's degree in urban studies have found work at real estate development firms, community non-profits, local government or social service agencies. Many urban studies majors go to graduate school, most often in urban planning. Others have pursued advanced degrees in law, social work, and public administration. The range of graduate school choice reflects the flexibility of the urban studies curriculum and its focus on a myriad of issues from a variety of perspectives. Urban studies graduates have completed Master's degrees at Harvard, Cornell, MIT, Rutgers, and other prestigious universities across the country.

\section*{Public Service Scholars}

The Public Service Scholar Program seeks to improve our cities and the lives of people by preparing talented students particularly women, minorities and immigrants for public service careers through internships with elected officials, government, and nonprofit organizations. The program runs for a full academic year and combines internship placements in the offices of senior officials and administrators with intensive seminars on public policy issues, social change, government and nonprofit organizations. The program is open to any Hunter College student, regardless of major, who has a minimum 3.0 GPA and who is within 45 credits of graduation at the beginning of the program in the fall semester. Admission of up to 24 students is competitive. Applications are accepted starting in November with a deadline of March 15th. Students accepted as Public Service Scholars receive 12 academic credits and a \(\$ 6,000\) stipend. Because women, minorities and immigrants have been traditionally underrepresented in public policy making and leadership positions, special efforts are taken to encourage them to apply for the program. Interested students should contact the Public Service Scholar Program, Room 1643 Hunter West, (212) 772-5599 or email ewalsh@hunter.cuny.edu.

\section*{Programs and Courses in Urban Affairs and Planning}

\title{
Administration and Faculty
}

\author{
Department Office: \\ 1611 Hunter West \\ (212) 772-5518 \\ www.hunteruap.org
}

\section*{Chair:}

Professor Joseph P. Viteritti
1606 Hunter West
(212) 772-5597
jviter@hunter.cuny.edu

\section*{Faculty}

Urban Policy and Planning Faculty
HEGIS Code: 2214

\section*{Undergraduate Major}

\section*{Urban Studies - BA}

\section*{Hunter Core Requirement}

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major (30 credits)}

Urban studies majors must complete 30 credits of courses that provide a rigorous background that will make students competitive job seekers or graduate school applicants. The core includes an introductory course as well as classes about the city's physical structure, public polices and research methods, both qualitative and quantitative. The urban studies core provides a foundation for more advanced courses. In addition to the core and advanced courses, the major requires an internship, elective courses, and interdisciplinary set of classes from several social science disciplines, e.g., political science, history, and economics.

\section*{A. Urban Studies Core 15 cr}

\title{
URBS 10100 - Urban Life: Personal and Observational View (W)
}

\section*{Hunter Core}

Individual \& Society - Social Science I\&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
\(3 c r\).

\section*{URBS 10200 - Structure of Urban Region (W)}

\section*{Hunter Core}

Individual and Society Social Science (I\&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr .

URBS 20100 - Urban Plans and Policies

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making. prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr .

\section*{URBS 31000 - Methods of Urban Research and Policy Analysis}

\section*{GER}

3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr .

\section*{URBS 31100-Quantitative Approaches to Urban Analysis}

\section*{GER}

3/B
A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.
prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.
3 hrs
3 cr .

\section*{B. Urban Studies Electives 6 cr}

Any two (2) 400-level courses in Urban Studies may fulfill this requirement

\section*{Examples:}

\section*{URBS 40100 - Managing Urban Physical Environment}

\section*{GER}

3/B
Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.

3 hrs
3 cr .

\section*{URBS 40200 - Urban Studies Studio}

\section*{GER}

3/B
This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.
prereq: URBS 20100 or perm instr.
3 hrs
\(3 c r\).

\section*{URBS 40300 - Selected Topics in Urban Affairs}

\section*{GER}

3/B
Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
3 cr .

\section*{C. Fieldwork Component 3 cr}

\section*{URBS 40900 - Urban Studies Internship}

GER
3/B
Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.
3 hrs
3 cr .
D. Basic Social Science Component 6 cr

Select two from:

\section*{AFPRL 38400 - Poverty in Society (W)}

GER
3/B
Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.

3 hrs
3 cr .

\section*{AFPRL 42000-The Black Church and Social Change}

\section*{GER}

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.
prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr .

\section*{ECO 33000-Economic Development}

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.
prereq: ECO 20000
3 hrs
3 cr .

\section*{GEOG 22700 - Environmental Conservation: Urban Problems}

\section*{GER}

3/B
Covers topics related to environmental problems and their connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards.
3 hrs
3 cr .

\section*{GEOG 24300 - Urban Geography}

\section*{GER}

3/B

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
\(3 c r\).

\section*{GEOG 35700 - Geography of New York City and Vicinity}

\section*{GER}

3/B

Informed immersion in NYC is the main objective of this course. Students will learn by exploration and observation more than by media. The city is the laboratory to complement readings, lectures and discussion. Students will emerge from this class with an enhanced appreciation of the entire city. Study assignments include keeping a journal of walking assignments as well as readings. Field work will focus on the five boroughs of New York City. (Students with difficulties in walking or using public transportation or who have phobias regarding unfamiliar neighborhoods should consider this before registering.)
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only.
prereq: GEOG 10100
3 hrs
3 cr.
Offered fall.

\section*{HIST 31700 - History of the American City}

Pluralism and Diversity
PD/D
GER
3/B
History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300 -level and above not offered to freshmen.
3 hrs
3 cr.

\section*{POLSC 21200 - Urban Politics (W)}

\section*{GER}

3/B

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform. prereq: ENGL 12000 or its equivalent
3 hrs
3 cr .

\section*{SOC 21100 - Urban Sociology}

GER
3/B

The relationships of space and society, with special attention to the nature and problems of urban life.
prereq: SOC 10100
3 hrs
3 cr .

\section*{Pluralism and Diversity}

PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics. prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 21800 - Social Inequality}

GER
3/B
Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr .

\section*{SOC 23500 - Community Organization and Action}

GER
3/B
Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr .

\section*{URBS 40100 - Managing Urban Physical Environment}

\section*{GER}

3/B
Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40200 - Urban Studies Studio}

\section*{GER}

3/B
This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to
reality; how ideas are linked to practice.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40300-Selected Topics in Urban Affairs}

\section*{GER}

3/B
Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
\(3 c r\).

\section*{Additional Information}
*Students should consult with a program advisor to choose 6 credits ( 2 courses) of upper-level social science classes appropriate to students' interest. This component can also be met by another 300- or 400 -level urban-related course, if approved by the undergraduate advisor.

\section*{Departmental Honors: Eligibility Criteria}

Overall GPA: 3.2 and above
Major GPA: 3.5 and above

\section*{Graduate Courses}

The following graduate courses are open to senior urban studies majors. Other graduate-level courses may be taken by seniors with permission of the instructor:

URBP 70100 History and Theory of Urban Planning
URBG 70200 Structure of the Urban Region
In addition to these two courses, there are cross-listed classes, offered each semester, that are open to undergraduate students.

\section*{Urban Policy and Planning}

\section*{URBS 10100 - Urban Life: Personal and Observational View (W)}

\author{
Hunter Core \\ Individual \& Society - Social Science I\&S SS \\ GER \\ 2/B
}

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.

3 hrs
3 cr .

\section*{URBS 10200 - Structure of Urban Region (W)}

\section*{Hunter Core}

Individual and Society Social Science (I\&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy. prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr .

\section*{URBS 20100 - Urban Plans and Policies}

\section*{GER}

2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making. prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr .

\section*{URBS 31000 - Methods of Urban Research and Policy Analysis}

\section*{GER}

3/B
Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr .

\section*{URBS 31100-Quantitative Approaches to Urban Analysis}

\section*{GER}

3/B
A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.
prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.
3 hrs
3 cr.

\section*{URBS 40100 - Managing Urban Physical Environment}

\section*{GER}

3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40200 - Urban Studies Studio}

\section*{GER}

3/B
This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.
prereq: URBS 20100 or perm instr.
3 hrs
3 cr .

\section*{URBS 40300 - Selected Topics in Urban Affairs}

\section*{GER}

3/B
Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
3 cr .

\section*{URBS 40354 - Seminar on the City}

\section*{GER}

3/B
Provides an historical, political and economic context for the region's major policy issues. The course introduces students to the complexities of New York City's governance and its public service sectors. Students develop a framework and tools for addressing relevant questions about the functions of the city, drawing on lectures, speakers, readings, field visits, interviews and internship experiences.

This is a 3-credit per semester course. May be repeated one time with permission of the director of public service scholar program. Open only to Public Service Scholar studenets.
3 hrs
3 cr .

\section*{URBS 40900 - Urban Studies Internship}

Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.
3 hrs
3 cr.
URBS 49806 - Public Service Scholar In-Service Seminar

GER
3/B
The Public Service Scholar In-Service seminar identifies and examines the types of learning that occur in the internship, including development of skills in management, problem solving, policy analysis, networking, time management, fundraising and performance evaluation.

This is a year-long course. Students register each semester. No credit awarded for first semester unless both semesters are successfully completed.
6 hrs (3 per semester for two semesters)
6 cr . (3 per semester for two semesters)

\section*{Programs and Courses in Urban Public Health}

\section*{School of Urban Public Health}

\section*{About the School of Urban Public Health}

Hunter College's School of Urban Public Health educates students to contribute to improving urban health by addressing problems such as HIV, substance abuse, asthma, obesity, under-nutrition, violence, heart disease and cancer. The school of offers undergraduate programs in community health and in nutrition.

Hunter's School of Urban Public Health shares an eight-story, 147,000-square-foot green building on Third Avenue between East 118th and 119th Streets with the Silberman School of Social Work at Hunter College. Faculty, staff and students from both schools work closely with community organizations and health and social service agencies in East Harlem to strengthen existing and create new approaches to improving the well-being of East Harlem and other lowincome communities.

\section*{Undergraduate Programs}

\section*{1. Community Health}
- Community Health - BS
2. Nutrition and Food Science
- Nutrition and Food Science Program Description
- Nutrition and Food Science - BS

\section*{3. Accelerated BS/MS in Nutrition (DPD)}
- Accelerated BS/MS in Nutrition (DPD) Program Description
- Accelerated BS/MS in Nutrition (DPD)

\section*{Full Program and Course List}
- Programs and Courses in Urban Public Health

\section*{Administration}

\section*{Silberman Campus}

2180 Third Avenue (119th Street \& Third Avenue, 5th floor)
New York NY 10035
www.hunter.cuny.edu/uph

\section*{Campus Director}

Khursheed Navder, PhD, RDN, FAND
Room 502, (212) 396-7775
knavder@hunter.cuny.edu

For Information Contact:

Nzinga Ajani
212-396-7729
Silberman 5th fl, Dean's Suite -or-
http://nutrition@hunter.cuny.edu

\section*{Faculty}

Faculty of the School of Urban Public Health

\section*{Accelerated BS/MS in Nutrition (DPD)}

This pathway is for third year NFS majors who are interested in completing their degree and then continuing at Hunter to obtain a master's degree and verification statement (students will be provisionally accepted into the program in their junior year but must maintain grade requirements to matriculate into the MS-DPD program).

This accelerated pathway provides the opportunity for undergraduate students to remain at Hunter for their graduate coursework providing students the opportunity for academic acceleration to a graduate degree.

Since the MS-Nutrition curriculum meets the didactic program in dietetics (DPD) requirements established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), the credentialing arm of the Academy of Nutrition and Dietetics (AND), it will qualify students from this BS/MS accelerated track to apply for Dietetic Internships and continue their professional preparation for the Registered Dietitian (RD) credential.

\section*{To become an RD, students must have:}
- Completed a minimum of a bachelor's degree at a US regionally accredited university or college
- Completed the DPD coursework (didactic program in dietetics) approved by the the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND),
- Completed an ACEND-accredited supervised practice program such as a dietetic internship (DI). The Hunter DI is described in the graduate catalog and online at www.hunter.cuny.edu/schoolhp/nfs. For further information on the Hunter DI, contact Prof. Ann Gaba at agaba@hunter.cuny.edu.
- Passed a national examination administered by the Commission on Dietetic Registration (CDR).

\section*{Career Opportunities for students graduating with this accelerated BS/MS:}

Dietetics is an allied health profession which focuses on the food and nutrition intake of individuals and its relationship to health. Registered dietitians are trained in the sciences and are able to translate scientific findings and help people live healthy lives. Major areas of practice include clinical, community, management, and consultant dietetics. More than half of all dietitians and nutritionists are found to work in hospitals, nursing homes, and physician's offices and clinics. More information about career opportunities may be found on the Academy of Nutrition and Dietetics's website at http://www.eatright.org

\section*{Academic Requirements for Entry into the BS-MS}

Students must be able to complete the NFS major and graduation requirements in about 96-102 credits, must have an overall GPA of 3.5 and prerequisite GPA of 3.2 or better to be considered.

\section*{Prerequisite courses}

\section*{CHEM 10000 (STEM) - Essentials of General Chemistry Lecture}

\author{
Hunter Core \\ Scientific World (SW); Life and Physical Sciences (LPS) \\ \section*{GER} \\ GER 2/E \\ Essential facts, laws, and theories of general chemistry. \\ Primarily for nursing, nutrition and food science and community health education students. \\ Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100. \\ 4 hrs (3 lec, 1 rec) \\ 3 cr .
}

\section*{CHEM 10100 - Inquiries into the Nature of Matter}

\section*{Hunter Core}

Life and Physical Sciences (LPS)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a onesemester general chemistry course for health science students.

Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.

3 hrs
3 cr .

\section*{CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture}

\author{
Hunter Core \\ Life and Physical Sciences (LPS): Scientific World (SW) \\ Pluralism and Diversity \\ GER 2/E \\ Course presents essential facts, laws and theories of organic chemistry.
}

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr .

\section*{CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory}

\section*{Hunter Core}

Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health students.
Note: No student may receive credit for both CHEM 12000-12100 and 22200-22300.
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prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

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\section*{BIOL 12000 - Anatomy and Physiology I}

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100

7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
fall only

\section*{BIOL 12200 - Anatomy and Physiology II}

Structure and function of circulatory, digestive, exetory, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr .
spring only

\section*{BIOL 23000 - Fundamentals of Microbiology}

\section*{GER}

3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

\section*{NFS 14100 - Nutrition}

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .

\section*{NFS 13100 - Food Science I}

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr .

\section*{STAT 11300 - Elementary Probability and Statistics}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing.

Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr .
-or-

\section*{MATH 15000 (STEM) - Calculus with Analytic Geometry I}

\author{
Hunter Core \\ Math/Quantitative Reasoning \\ GER \\ 1/B
}

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. prereq: grade of C or better in MATH 12500 or appropriate score on placement exam.
4 hrs
\(4 c r\).

\section*{Students take graduate courses after completing 96 credits}

Students must have completed the NFS major and academic requirements for their undergraduate degree in about 96 credits, must have an overall GPA of 3.5 and pre-requisite GPA of 3.2 or better to be considered. However, a 3.5 GPA in and of itself does not guarantee admission.

Undergraduates admitted to the program take graduate courses during their senior year and will be able to complete the MS-DPD degree one year after they complete the requirements for the BS (NFS) degree. These students will be admitted directly into the MS-DPD program without having to take the GRE exam. Upon completion of the requirements for the MS degree, both the BS and MS degrees will be awarded. These students will pay undergraduate tuition rates up to the number of credits required to earn a baccalaureate degree ( 120 cr ) and credits taken after that number toward the combined dual degree will be paid at the graduate level. Students interested in this accelerated program should speak to the adviser in the Nutrition track during their sophomore year to review the curriculum path for the five-year program.

Students who have been provisionally accepted into the BS-MS program but who do not maintain the required GPA will not be allowed to continue but will be eligible to receive a BS (NFS) degree from Hunter provided that they fulfill all other academic requirements for their undergraduate degree.

\section*{Curriculum Requirements}

\section*{The accelerated BS/MS is a 137-credit program}

For a list of the graduate courses, consult http://catalog.hunter.cuny.edu/index.php?catoid=22

\section*{Community Health - BS}

\section*{Community Health}

\title{
Program Director: Philip Alcabes, PhD \\ palcabes@hunter.cuny.edu
}

\section*{Community Health Program Description:}
*Why are children in East Harlem hospitalized for asthma at twice the rate elsewhere in NYC? How can we assess if gun violence is a health priority for members of our community and ensure their expertise informs local public health efforts? How can social media be leveraged to reduce sexually transmitted infections?*

Students in the Community Health program will develop the skills needed to be able to effectively answer these types of public health questions through a social justice lens. Community health professionals work to improve the health and wellbeing of entire communities. While clinical health professionals might treat an elderly diabetic patient, a community health professional will work to understand and reduce a community's elevated risk for diabetes. At Hunter College, students in the Bachelor of Science program in Community Health will learn to analyze how both social structures (including poverty, racism and environmental exposures) and behavioral choices shape a community's health. They will take courses in health disparities, epidemiology, public health biology, and community health assessment to develop their analytic skills and courses in health communications and social media to learn tools for addressing public health problems. Fieldwork experience and a research seminar give students the opportunity to apply what they have learned in a real-world setting on a community health topic of their choosing. This program is designed to prepare students for work in community-based and human rights organizations, family planning clinics, mental health centers, homeless shelters, research centers, media organizations, as well as in city, state and national health departments. This is a competitive, 51 -credit major, taken after 60 credits are completed of undergraduate study (see pre-requisites \& application information below).

\section*{Admission Requirements}

Admission into the COMHE major is competitive and students enter in the Fall semester only (no Spring admission). Students may apply during the semester that they are completing prerequisites for the program. All applicants, including current Hunter College students, must apply for admission to the program. The prerequisites for admission into the COMHE major are:
1. Completion of 60 credits at the time of admission (courses can still be in progress the spring and summer after applying and before entering that fall)
2. A combined GPA of 3.0 from all postsecondary institutions attended
3. Submission of a 500 word essay, in the supplemental application
4. At least a grade of " C " in the prerequisite courses listed below
5. Completion of the following courses:
- English Composition (ENGL 12000) -3 cr.
- Intro level statistics (STAT 11300 or STAT 21300 (STEM)), PSYCH 24800, SOC 24100 , ECO 22100 or equivalent) - 3 cr .
- Any lab science in the Natural Sciences (Preferred: ANTHP 10100 (STEM); BIOL 10000 (STEM) , BIOL 10200 (STEM) or BIOL 12500 (STEM) or BIOL 15000 (STEM) -4 to 4.5 cr.
- Intro to Sociology (SOC 10100 )- 3 cr.
- Intro level Psychology OR Anthropology PSYCH 10000, PSYCH 15000, ANTHC 10100 -3 cr
- Any upper level course (at least 200 level) in the social sciences (e.g., anthropology (ANTHC), community health, psychology, sociology or urban studies, women and gender studies, or human rights. (Note: The statistics prerequisite or SOC 30100 Medical Sociology cannot meet this requirement.) -3 cr .
For details on admissions process, see http://www.hunter.cuny.edu/communityhealth/admissions-info

\section*{Hunter Core Requirement}

Several courses leading to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{Community Health Major Curriculum Requirements (51 crs.)}

\section*{SOC 30100 - Medical Sociology}

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital. prereq: SOC 10100
3 hrs
3 cr.

\section*{COMHE 30100 - Introduction to Community and Public Health}

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on communities - geographic, identity-based, or virtual, as the focus for research and intervention.
prereq: acceptance to the COMHE major, or permission of the instructor.
3 hrs
3 cr .

\section*{COMHE 30200 - Principles of Health Promotion}

Introduction to community health methods; presentation skills, learning theories.
prereq: acceptance to the COMHE major, or permission of instructor
3 hrs
3 cr.

\section*{COMHE 30300-Social Structure and Health (W)}

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 30400 - Introduction to Health Communication Theory and Practice}

An introduction to the field of health communication with a particular emphasis on theoretical constructs, case studies and U.S. and international practical models and applications. Highlights the multidisciplinary and multifaceted nature of health communication and its contribution to the achievement of behavioral, social and organizational objectives as
one of the keys to public health interventions.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 30600-Social Disparities in Health}

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.
prereq: acceptance to the COMHE major or permission of the instructor.
3 hrs
3 cr .

\section*{COMHE 32500 - Environmental Public Health}

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr.

\section*{COMHE 32800 - Public Health Biology}

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 33000-Principles of Epidemiology}

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .

\section*{COMHE 40500 - Health Care Systems and Health Policy}

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.
prereq: Acceptance to the COMHE major or permission of the instructor.
3 hrs
3 cr.
COMHE 40800 - Digital Media and Health

An introduction to key technological advances and current use of new media (Internet and other digital media, mobile technology, etc.) to communicate about health issues as part of broad community based public health and health communication interventions. It also provides students with practical skills in creating media for health promotion. prereq: Acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 41100 - Community Health Assessment}

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

COMHE 41200 - Directed Fieldwork Practicum

200 hours summer internship to gain experience in community health setting, culminating in production of e-portfolio. prereq: acceptance to the COMHE major or permission of instructor
3 hrs
3 cr .

\section*{COMHE 41300 - Research Symposium}

Overview of quantitative and qualitative research methods and issues in study design and analysis.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

\section*{NFS 14100 - Nutrition}

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .
- Two electives ( 300 or 400 level) in COMHE, SOC or ANTHC; or NFS \(13100-3\) cr. each

\section*{Nutrition and Food Science - BS}

School of Urban Public Health

\section*{Nutrition and Food Science}

Program Coordinator:
Ming-Chin Yeh, PhD
Associate Professor

Silberman Building
2180 Third Avenue, Room 609
(212) 396-7776
myeh@hunter.cuny.edu

\section*{Recruitment and Admissions Coordinator:}

\section*{Amina Alam, BA}

Room 301
212-396-7778
aala@hunter.cuny.edu

The Nutrition and Food Science (NFS) major at Hunter College is a diverse science-based program where students learn about food and its effect on our health. It offers a comprehensive study of the fundamental principles of food preparation and safety, nutrition, food service management, and community nutrition education. This is accomplished through the application of a variety of sciences. Students who like physical and biological sciences, are interested in good health, enjoy working with people, and are concerned about the nutritional well-being of people and communities will find interesting and challenging career opportunities within health care fields or in the food industry. The NFS major at Hunter develops these interests and prepares students for challenging opportunities after graduation.

This major is designed for students who plan to enter the workforce directly out of college. The BS in NFS may be a terminal degree, or NFS graduates may elect to continue on for additional education. Students in the NFS major will take courses in nutrition, food science, food service management, research methods, community nutrition education, and epidemiology.

Along with providing students with a good preparation in nutrition, this major is also a good undergraduate preparation for those who might want to go into allied health fields, social work, or other human service professions. The elective courses also allows these undergraduate students who may wish to pursue medicine, nursing, physical therapy or other health careers to take additional science and other pre-requisite coursework for those programs.

Career Opportunities: The BS in NFS degree provides graduates with a wide variety of career opportunities. Foods and nutrition majors frequently work with athletes, weight control and fitness programs, or other special groups like WIC (Women, Infants \& Children in community settings. Industries like hotels, airlines, universities, food service chains, and industrial cafeterias employ food service managers. Graduates can become food science technical specialists and conduct research, development and quality control of food products for food companies. It is also possible to use foods and nutrition knowledge for jobs in advertising, marketing and in the mass media. Students can become consultants to television programs, or write articles on food for newspapers. Students may take steps after graduation to enter a graduate didactic program in dietetics to become registered dietitians.

Note: This major is not a didactic program in dietetics (DPD) and does NOT prepare the student to become a registered dietitian.

\section*{Admission Requirements}

Students planning to apply for admission to the School of Health Sciences Nutrition and Food Science track should attend a group orientation session for prospective students held several times throughout the year. Please see http://sph.cuny.edu/news-events/ for updates.

Students enter the program in the fall semester and can attend on a full-time or part-time basis during the day. The Appendix I: Hunter Core Requirement should be met before entrance into the NFS major. The requirements for admission into the NFS major are completion of 60 credits, including the following courses: two semesters of anatomy and physiology with lab BIOL 12000 and BIOL 12200 ; one semester of general chemistry with lab CHEM 10000
(STEM) and CHEM 10100; one semester of organic chemistry with lab CHEM 12000 (STEM) and CHEM 12100 (STEM) ; one semester of microbiology with lab BIOL 23000; one semester of statistics STAT 11300 or STAT 21300 (STEM); one semester of introductory food science NFS 13100; one semester of introductory nutrition NFS 14100. A grade of \(C\) or better must be earned in all science prerequisites, and a grade of \(B\) or better in the two nutrition and food science courses.

The prerequisite courses must be completed by the end of the summer session preceding entrance into the NFS major. An overall GPA (combined grade point average from all postsecondary institutions attended) of 2.8 is required for consideration. Because of the competitive nature of the applicant pool and the small size of the incoming class, the admission process may favor applicants with an overall GPA greater than 2.8.

All applicants, including those currently enrolled at Hunter College, must file a City University of New York (CUNY) Transfer (Advanced Standing) application. The application may be obtained at Hunter's 68th Street campus in the college's Welcome Center, Room 100 North Building, (212) 772-4490, online at http://admissions.hunter.cuny.edu, at CUNY's Office of Admission Services, 1114 Avenue of the Americas, New York NY 10036, (212) 997-2869 and at all CUNY campuses. You can also apply online at www.cuny.edu.

The transfer application and required supporting academic records must be mailed to the University Application Processing Center, PO Box 359023, Brooklyn, New York, 11235-9023 by March 1. Applications that arrive after March 1 are not given priority consideration and are processed on a space available basis. Applicants with completed applications by the deadline date can expect to be notified no later than May 1.

Students who have not completed the prerequisite course requirements to be considered for admission to the NFS major may wish to transfer to Hunter College as liberal arts and science students. These students should follow the same transfer admission process detailed above for the following year.

CUNY students with an earned AA or AS degree in fall 2003 and after are exempt from the Core requirements of the GER but must fulfill the graduation requirements of significant writing, and pluralism and diversity. Students must have successfully completed the other prerequisites before applying as a NFS major. Transfer students who have not earned a degree, or who have earned an associate degree from a non-CUNY institution are required to complete the Hunter GER requirements in order to graduate.

\section*{Requirements for Graduation with a BS in Nutrition and Food Science (120 credits)}

\section*{Hunter Core Requirement}

Several courses leading to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement

\section*{Nutrition and Food Science Major Courses (24 cr)}

Prerequisite courses (open to non-majors)

\section*{NFS 13100 - Food Science I}

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.

3 hrs
3 cr.

\section*{NFS 14100 - Nutrition}

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .

Open to majors only

\section*{NFS 33300 - Nutrition Education}

Introduction to the theories and principles of the teaching-learning process in the field of nutrition.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

\section*{NFS 33500 - Institutional Management}

Overview of the theories, functions and tasks of management. Discussion of labor and effective methods for directing an operation with applications drawn from food service.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ECO 10000
3 hrs
3 cr .

\section*{NFS 34200 - Nutrition and Human Development}

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years. Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

\section*{NFS 40200 - Seminar in Nutrition and Food Science}

Research in nutrition and food science; examination of professional goals.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

\section*{NFS 43500 - Food Service Systems}

The organization and administration of a food service operation from the systems approach on the tactical and strategic level, stressing learning activities and competencies required by the American Dietetic Association.
Open to NFS majors only and need department permission.

3 hrs
3 cr .

\section*{NFS 44100 - Community Nutrition}

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

\section*{NFS 44351 - Practicum in Nutrition and Food Science}

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
7 hrs (1 lec, 6 lab)
3 cr.

\section*{COMHE 33000-Principles of Epidemiology}

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr .

\section*{Community Health}

\section*{COMHE 15200 - Bodies Using Bodies}

GER
2/B

This course addresses the medical, technical, organizational, and ethical issues that arise when human beings make use of the bodies, organs, tissues, or cells of other people to enhance their own well-being.The course takes a crossdisciplinary approach to contemporary issues in the health sector that involve the use of human bodies for the benefit of others. It is aimed at pre-majors or students interested in issues in the area of society and health.

3 hrs
3 cr .

\section*{COMHE 20000-Controversial Issues in Health and Health Care}

Contemporary health controversies examined through the disciplines of community and public health and health care. prereq: none
3 hrs
3 cr .

\section*{COMHE 30100 - Introduction to Community and Public Health}

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on communities - geographic, identity-based, or virtual, as the focus for research and intervention.
prereq: acceptance to the COMHE major, or permission of the instructor.
3 hrs
3 cr.

\section*{COMHE 30200 - Principles of Health Promotion}

Introduction to community health methods; presentation skills, learning theories.
prereq: acceptance to the COMHE major, or permission of instructor
3 hrs
3 cr .

\section*{COMHE 30300 - Social Structure and Health (W)}

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr.

\section*{COMHE 30400 - Introduction to Health Communication Theory and Practice}

An introduction to the field of health communication with a particular emphasis on theoretical constructs, case studies and U.S. and international practical models and applications. Highlights the multidisciplinary and multifaceted nature of health communication and its contribution to the achievement of behavioral, social and organizational objectives as one of the keys to public health interventions.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 30600-Social Disparities in Health}

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.
prereq: acceptance to the COMHE major or permission of the instructor.

3 hrs
3 cr .
COMHE 32400 - Human Sexuality

Study of interaction of social, affective, and behavioral dimensions of sexuality, including gender identity, with a particular focus on the way sexuality shapes community health.
prereq: none
3 hrs
3 cr.

\section*{COMHE 32500 - Environmental Public Health}

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.
prereq: acceptance to the COMHE major, or permission of the instructor
3 hrs
3 cr.

\section*{COMHE 32800 - Public Health Biology}

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr.

\section*{COMHE 33000-Principles of Epidemiology}

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. prereq: Acceptance to the major, or permission of the instructor.
3 hrs
3 cr.

\section*{COMHE 40500 - Health Care Systems and Health Policy}

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.
prereq: Acceptance to the COMHE major or permission of the instructor.
3 hrs
3 cr.

COMHE 40800 - Digital Media and Health

An introduction to key technological advances and current use of new media (Internet and other digital media, mobile technology, etc.) to communicate about health issues as part of broad community based public health and health communication interventions. It also provides students with practical skills in creating media for health promotion. prereq: Acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

\section*{COMHE 41100 - Community Health Assessment}

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr .

COMHE 41200 - Directed Fieldwork Practicum

200 hours summer internship to gain experience in community health setting, culminating in production of e-portfolio.
prereq: acceptance to the COMHE major or permission of instructor
3 hrs
3 cr .

\section*{COMHE 41300 - Research Symposium}

Overview of quantitative and qualitative research methods and issues in study design and analysis.
prereq: acceptance to the COMHE major or permission of the instructor
3 hrs
3 cr.
COMHE 48010 - Independent Study

Total credits in independent study courses and honors may not exceed 6.
prereq: perm director
hrs TBA
1-3 cr. respectively

COMHE 48020 - Independent Study

Total credits in independent study courses and honors may not exceed 6.
prereq: perm director
hrs TBA
1-3 cr. respectively

\section*{COMHE 48030 - Independent Study}

Total credits in independent study courses and honors may not exceed 6.
prereq: perm director
hrs TBA
1-3 cr. respectively
COMHE 49000 - Honors

Total credits in independent study courses and honors may not exceed 6 .
prereq: perm director
hrs TBA
3 cr .

\section*{Nutrition and Food Sciences}

\section*{NFS 13100 - Food Science I}

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr .

\section*{NFS 14100 - Nutrition}

Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr .

\section*{NFS 33200-Cultural Aspects of Food and Nutrition}

Study of the way in which cultural, social and technological factors influence food behavior and dietary patterns.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ANTHP 10100, SOC 101))
3 hrs
3 cr .

\section*{NFS 33300 - Nutrition Education}

Introduction to the theories and principles of the teaching-learning process in the field of nutrition.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

\section*{NFS 33500 - Institutional Management}

Overview of the theories, functions and tasks of management. Discussion of labor and effective methods for directing an operation with applications drawn from food service.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ECO 10000
3 hrs
3 cr .

\section*{NFS 34200 - Nutrition and Human Development}

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years. Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

NFS 36100 - Food and the Consumer

Food issues; food services available to the consumer; responsibilities of the private and public sectors.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, 33100, ECO 10000
3 hrs
3 cr.

\section*{NFS 40100 - Techniques of Communication in Nutrition}

Theory/practice of communications skills for nutritionists/food scientists. Includes food demonstrations, public relations, and advertising.
Open to NFS majors only and need department permission.
prereq: NFS 33300
3 hrs
3 cr .

\section*{NFS 40200 - Seminar in Nutrition and Food Science}

Research in nutrition and food science; examination of professional goals.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

\section*{NFS 43100 - Experimental Foods}

Scientific approach to food testing; use of instruments and techniques in food and nutrition laboratories.
Open to NFS majors only and need department permission.
prereq: NFS 33100, 34100
5 hrs (2 lec, 3 lab)
3 cr .

\section*{NFS 43400 - Nutrition and the Elderly}

Psychological, psychosocial, and economic problems of the elderly; how needs are met by government and private agencies. Application of nutrition to these problems.
Open to NFS majors only and need department permission.
prereq or coreq: NFS 34200, PSYCH 10000, SOC 10100
3 hrs
3 cr .

\section*{NFS 43500 - Food Service Systems}

The organization and administration of a food service operation from the systems approach on the tactical and strategic level, stressing learning activities and competencies required by the American Dietetic Association.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .
NFS 44100 - Community Nutrition

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr .

\section*{NFS 44351 - Practicum in Nutrition and Food Science}

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
7 hrs (1 lec, 6 lab)
3 cr .

\section*{NFS 44352 - Practicum in Nutrition and Food Science}

Practicum in institutions, agencies, business and research firms; projects. Open to NFS majors only and need department permission. prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr .

\section*{NFS 44354 - Practicum in Nutrition and Food Science}

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr .

\section*{NFS 44355 - Practicum in Nutrition and Food Science}

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr .

\section*{NFS 44356 - Practicum in Nutrition and Food Science}

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr .

\section*{NFS 48031 - Independent Study in Nutrition and Food Science}

Open to NFS majors only and need department permission.
prereq: NFS 44200, perm dept. chair
hrs TBA
\(1-3 \mathrm{cr}\).
Respectively may be taken 1 or 2 sem.

\section*{NFS 48032 - Independent Study in Nutrition and Food Science}

Open to NFS majors only and need department permission.
prereq: NFS 44200, perm dept. chair
hrs TBA
\(1-3 \mathrm{cr}\).
Respectively may be taken 1 or 2 sem.

\section*{NFS 49000 - Honors in Nutrition and Food Science}

Supervised independent research project. A written report or suitable presentation is required. Proposal must be presented the semester before work is done.
prereq: NFS 44200, perm NFS coordinator
hrs TBA
3 cr.

\section*{Programs and Courses in Women and Gender Studies}

\section*{Women and Gender Studies}

\section*{About the Department}

The department of Women and Gender Studies focuses on the critical examination of gender, class, race, dis/ability, sexuality, and nationality as intersecting dynamics of social and identity formation. Our mission is to:
- Educate students about the principles, theories, and concrete applications of these critical analyses.
- Encourage students to examine the complex ways in which the social formations of sexuality, gender, race, class, national origin, dis/ability, and sexual orientation shape human experience and produce structures of power and inequality.
- Re-examine in curriculum and scholarship the historical record to make visible the experiences and contributions of disenfranchised groups across historical and social locations.
- Connect academic work with social and political realities outside the university; enhance students' understanding of and resistance to structures of inequalities; and link research, teaching/learning, and activism.
Through its broad interdisciplinary research and curriculum, the department of Women and Gender Studies promotes transformative practices in research, creative work, pedagogies, and local/global partnerships. Our faculty is an interdisciplinary group of scholars whose research, teaching and advocacy work focuses on the relationships between these forces, drawing from women, gender, and feminist studies; ethnic and critical race studies; LGBT and queer studies; disabilities studies; as well as the study of nationalism and class.

\section*{Programs and Courses}

\title{
Administration and Faculty
}

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Affiliated Faculty
Women and Gender Studies Faculty
HEGIS Code: 4903

\section*{Undergraduate Major}

\section*{Women and Gender Studies - BA}

\section*{Foundational Courses}

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

\section*{ENGL 12000 - Expository Writing}

Hunter Core
English Comp (EC)

GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Appendix I: Hunter Core Requirement.

\section*{Major}

The Women and Gender Studies Program offers a 27-credit major. The 27 required credits are distributed as follows:
Core 12 cr

\section*{WGS 10000 - Introduction to Gender and Sexuality Studies}

\author{
Hunter Core \\ Individual and Society (I\&S) \\ Pluralism and Diversity \\ PD/C \\ GER \\ 2/B
}

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr.

\section*{WGS 20100-Classics in Feminist Thought (W)}

\section*{Pluralism and Diversity \\ PD/C \\ GER \\ 3/A or B}

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and

Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr .

\section*{WGS 24400 - Transnational Feminisms}

Pluralism and Diversity
PD/C
GER
3/A or B

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.
prereq: WGS 10000, ENGL 12000
3 hrs
3 cr.

\section*{WGS 31000-Research Seminar: Feminist Theory and Methodology}

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.
Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar
prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher
3 hrs
3 cr.
spring semester

\section*{Area of Concentration - 9 Credits}

\section*{Students will choose one from among the 6 areas of concentration listed as follows:}

Area of Concentration 1: Feminist Thought and Theory (WGST)
Area of Concentration 2: Sexualities (WGSS)
Area of Concentration 3: Gender \& Public Policy (WGSP)
Area of Concentration 4: Labor, Migration and Globalization (WGSL)
Area of Concentration 5: Women and Gender across Cultures (WGSC)
Area of Concentration 6: Gender, Literature and the Arts (WGSA)

\section*{Electives - 6 credits}

Students will be required to take two elective classes ( 6 credits). One ( 3 credits) of the two elective classes MUST be in a different Area of Concentration than their primary one. At least one of the classes in your Area of Concentration or an elective must be 300 level or above.

\section*{Minor in Women and Gender Studies - 12 credits}

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000 ), Classics in Feminist Thought (WGS 20100), Transnational Feminisms (WGS 24400 ) and one elective course from one of the six areas of concentration.

WGS 10000 - Introduction to Gender and Sexuality Studies , must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400 - Transnational Feminisms.

\section*{Research Seminar}

Majors may satisfy the Senior Seminar requirement of the major by enrolling in the Research Seminar (WGS 31000) This course serves as a capstone course in which WGS majors apply feminist theory and methodology to develop an original research project resulting in a substantial paper.

\section*{Honors}

In order to graduate with honors in Women and Gender Studies, a student must have a 3.5 GPA in the Women and Gender Studies major and a college-wide cumulative index of at least 3.0. Students should submit a 18-20 page paper written for any Women and Gender Studies 300 level class including but not limited to the Research Seminar (WGS 31000). The student must submit the paper by March 30 (for June graduation) and October 30 (for December graduation) to be considered for program honors. A faculty committee will read submitted papers and determine whether they merit honors.

\section*{Undergraduate Minor}

\section*{Minor in Women and Gender Studies}

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000 ), Classics in Feminist Thought (WGS 20100) , Transnational Feminisms (WGS 24400 ) and one elective course from one of the six areas of concentration.

WGS 10000 - Introduction to Gender and Sexuality Studies , must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400 - Transnational Feminisms.

\section*{Women and Gender Studies: Required Courses}

WGS 10000 - Introduction to Gender and Sexuality Studies
```

Hunter Core
Individual and Society (I\&S)
Pluralism and Diversity
PD/C
GER
2/B

```

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr .

\section*{WGS 20100-Classics in Feminist Thought (W)}

\section*{Pluralism and Diversity \\ PD/C \\ GER \\ 3/A or B}

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.
prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr .

\section*{Women and Gender Studies: Feminism}

\section*{WGS 21600 - Women Philosophers of the Past}

\section*{Pluralism and Diversity}

PD/C
GER
3/A
Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.
cross-listed PHILO 21600
prereq: ENGL 12000, one course in philosophy
3
3

WGS 24400-Transnational Feminisms

\section*{Pluralism and Diversity}

PD/C
GER
3/A or B

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.
prereq: WGS 10000, ENGL 12000
3 hrs
3 cr .

\section*{WGS 36000 - Feminist Social Theory}

Pluralism and Diversity
PD/C
GER
3/B

An introduction to feminist theory developed by women from Western, Third World and other countries. cross-listed SOC 36000
prereq: SOC 10100 or perm instr.
3 hrs
\(3 c r\).

\section*{WGST 20900 - Women and Gender in Western Political Thought (W)}

Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
3/B

The history of political thought from the perspective of gender relations and the treatment of women.
cross-listed POLSC 20900
prereq: ENGL 12000 or equiv.
3 hrs
3 cr .
WGST 23000 - Feminism: Philosophical Theory and Practice (W)

Pluralism and Diversity
PD/C
GER
3/A
Analysis of feminist theories and their practical implications.
cross-listed PHILO 23000
prereq: ENGL 12000 and one course in philosophy
3 hrs
3 cr .
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Pluralism and Diversity
PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.
cross-listed POLSC 30900
prereq: ENGL 12000
3 hrs
cr.

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\section*{Women and Gender Studies: Feminist Thought and Theory}

WGST 400.53 - Body Politics:Sexuality and Reproduction
cross-listed POLSC 486.57

\section*{WGST 29000-Special Topics in Feminist Thought and Theory}

Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of feminist thought and theory.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Women and Gender Studies: Gender, Literature and the Arts}

WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s
```

Pluralism and Diversity
PD/C
GER
3/A
Discussion of the women's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
Depending on topic, will satisfy a GER category.cross-listed FILM }2225
prereq: FILM 10100
4 hrs
3cr.

```

WGSA 25000 - Women and Music (W)

Pluralism and Diversity
PD/C
GER
3/A

An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed MUSHL 25000
prereq: ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm
instr.
3 hrs
3 cr .

\section*{WGSA 26000 - Russian Women Writers in English Translation (W)}

Pluralism and Diversity
PD/C
GER
3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others.
cross-listed RUSS 26000
prereq: ENGL 22000
3 hrs
\(3 c r\).

WGSA 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A
Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr .

\section*{WGSA 29000 - Special Topics in Gender, Literature and the Arts}
```

Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender, literature,
and the arts.
prereq: ENGL 12000
3 hrs
3cr.

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WGSA 31900 - Advanced Topics in Literature by Women (W)

\section*{Pluralism and Diversity}

PD/C
GER
3/A

Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration.
May be repeated once for credit with a different topic.
cross-listed ENGL 31900
prereq: ENGL 22000
3 hrs
3 cr .

\section*{WGSA 33700 - Caribbean Women Writers (W)}

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr .

\section*{WGSA 36100 - Russian Women Writers}

Pluralism and Diversity
PD/C
GER
3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia, and others. Readings and some writing in Russian.
cross-listed RUSS 36000
prereq: RUSS 20200 or equiv.
3 hrs
3 cr .

\section*{WGSA 38400 - Women and Media (W)}

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed MEDIA 38400
prereq: MEDIA 18000

3 hrs
3 cr .

\section*{Women and Gender Studies: Gender and Public Policy}

\section*{WGS 12100 - Public Speaking in Gender Studies}
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Pluralism and Diversity
P\&D C
This course is designed to cultivate and improve students' public speaking skills, for use in the classroom and in
broader public spheres. To do so, we will engage with materials in critical identity studies (primarily on class, race,
gender, and sexuality), which generate complex debates and afford fruitful opportunities to refine oratory skills.
3 hrs
cr.
WGSP 21900 - Women and the Law
WGSP 29000 - Special Topics in Gender and Public Policy

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\section*{Pluralism and Diversity}
```

PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and public policy.

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prereq: ENGL 12000
3 hrs
3 cr .

\section*{Women and Gender Studies: Gender and Sexuality}

WGSC 30100-Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed ANTHC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr .

WGSS 15000 - Introduction to LGBTQI Studies

Pluralism and Diversity
PD/C

GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

3 hrs
3 cr.

\section*{WGSS 17000 - Psychology of Human Sexuality}

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
prereq: PSYCH 10000
3 hrs
3 cr.

\section*{WGSS 19000 - Development of Gender Roles}

Pluralism and Diversity
PD/C
GER
2/B
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed PSYCH 19000
3 hrs
\(3 c r\).

WGSS 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing. cross-listed SOC 25700
prereq: SOC 10100 or perm instr.
3 hrs
3 cr .

WGSS 28700 - Masculinities

\section*{Pluralism and Diversity}

P/D C
GER
3/B

The aim of this course is for students to develop an understanding of how knowledge about masculinities changes the way we see most areas of scholarship and daily life. This course engages scholarship on masculinities from the interdisciplinary study of sex and gender systems drawing on feminist literature; we will also study a variety of present day men's movements and understand how they relate to feminist movements.
prereq: ENGL 12000

\section*{WGSS 29300 - Bathroom Politics}

\section*{Pluralism and Diversity \\ P\&D C}

In this course, we will study bathrooms in relation to a body of state policies mandating segregated public facilities and spaces, primarily around sex and race. We will examine the anxiety, fear of contamination, and threat of violence in such spaces as it is translated into public policy through regulations including municipal building codes, civil rights legislation, and court cases.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{WGSS 38700-Queer Theory}

Pluralism and Diversity
PD/C
GER
3/B

Examination of recent contemporary queer theory and politics in the United States, with particular attention paid to its intersections with feminism, critical race theory, class analysis and religion. Course time will also be dedicated to learning to write effectively about political theory.
prereq: WGS 10000
3 hrs
3 cr .

\section*{Women and Gender Studies: Labor, Migration and Globalization}

\section*{WGSL 20017 - Globalization and Gender}

Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'
prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr .

\section*{WGSL 29000 - Special Topics in Labor, Migration, and Globalization}

\section*{Pluralism and Diversity \\ PD/C}

This is a collection of special topics courses in Women and Gender Studies focused on the study of labor, migration, and globalization.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{WGSL 30600 - Gender and Migration}

\section*{Pluralism and Diversity}

PD/B
GER
3/B

This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.
prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.

\section*{WGSL 31500 - Work and Society (W)}

\section*{GER}

3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed SOC 31500
prereq: SOC 10100
3 hrs
3 cr .
WGSL 32100 - Women and Globalization

\section*{GER}

3/B

The situation of women from less developed countries with attention to the local and global forces shaping their lives. Topics include migration, the international division of labor, and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.
cross-listed ANTHC 32100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.
WGSL 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, 'human capital' investments, labor market policy issues.
cross-listed ECO 34500
prereq: ECO 20000
3 hrs
3 cr .

\section*{Women and Gender Studies: Sexualities}

\section*{WGSS 26600 - Our Bodies, Our Politics}

Pluralism and Diversity
PD/C
Sex and sexuality are commonly understood as an innate drive, but as science has recently begun to show, the way we experience sexuality is better understood as a series of connected cultural practices. It is the constructed meaning attached to the act of sex that make up the foundation of our sexuality. This meaning changes across cultures and communities and has historically been a subject of political and legal struggle. From the battle for reproductive rights to laws limiting dildo ownership in Texas, our own bodies and the way we experience them are legislated and controlled.
prereq: ENGL 12000
3 hrs
3 cr .

\section*{Women and Gender Studies: Women in Culture and Society}

WGS 20005 - Dominican and Haitian Literature and Culture

3 hrs
3 cr .

WGS 21100 - Women in the 3rd World

Study of the historical, political, social, and economical status of women in the developing world.
3 hrs
3 cr.
WGS 22100 - Women in the Islamic World

Overview of the role of gender in Islam.
3 hrs
3 cr .

WGS 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.
May be repeated once for credit with a different topic.cross-listed ENGL 25800
prereq: ENGL 22000
3 hrs
3 cr.

\section*{WGS 33600 - African-American Women Writers (W)}

Pluralism and Diversity
PD/B or C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.
cross-listed AFPRL 33600
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr .

\section*{WGSC 15600 - Culture of Imperial Russia: The Age of Empresses}

Pluralism and Diversity
PD/C
GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed RUSS 15600
prereq: ENGL 12000
3 hrs
3 cr .
WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
\(\mathrm{PD} / \mathrm{C}\) or D
GER
3/A
Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
3 cr .

\section*{WGSC 31800 - Women in Africa (W)}
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Pluralism and Diversity
GER 3/B PD/A or C
Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and
revolution.
cross-listed AFPRL 31800(W)
prereq: AFPRL 20200 or AFPRL 22200 or perm instr.
3 hrs
3cr.

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\section*{WGSC 32900 - Women in the African Diaspora (W)}

Pluralism and Diversity
\(\mathrm{PD} / \mathrm{B}\) or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.
cross-listed AFPRL 31900 (W)
prereq: AFPRL 20400, 20900 or 21000 or perm instr.
3 hrs
3 cr .
WGSP 22300 - Sociology of the Family

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed SOC 20100
prereq: SOC 10100
3 hrs
3 cr.

\section*{WGSP 23500 - The Psychology of Women (W)}

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
cross-listed PSYCH 23500
prereq: 6 cr. in PSYCH courses
3 hrs
3 cr .

\section*{WGSP 23900 - Child Welfare (W)}

\section*{GER}

3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. cross-listed SOC 23900
prereq: ENGL 12000, SOC 10100
3 hrs
3 cr .

\section*{WGSP 25100 - Women and Health}

\section*{Pluralism and Diversity \\ PD/C}

An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed HED 20100
3 hrs
3 cr .

WGSP 26100 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed POLSC 21800
prereq: ENGL 12000
3 hrs
3 cr .

WGSP 26200 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
3 cr .

\section*{WGSP 39800 - Community Leadership Seminar}

A historical introduction and a contemporary overview of social welfare policy and leadership theory and practice that is primarily aimed toward students with experience of poverty. It provides students with the theoretical knowledge and
tools they need to serve as informed peer supporters, mentors, trainers, and agents of change on college campuses and in their communities..
cross-listed POLSC 31707
prereq or coreq: ENGL 12000; perm dept. and instr.
3 hrs
3 cr .

\section*{WGSP 49000 - Leadership Field Work Internship}

Internship for students who have completed the Community Leadership seminar. Provides instruction and practical field experience to develop competency in a range of community organizing activities, building on the knowledge and skills developed in WGSP 39800.
This course is not a substitute for WGS 31000, but can be a substitute for WGS 32000 with approval from adviser. prereq: WGS 39800
hrs TBA
1-6 cr.

\section*{WGSS 21900 - Women and the Law (W)}

\section*{Pluralism and Diversity \\ PD/C \\ GER \\ 3/B}

Overview of how local, state and federal laws treat people on basis of sex.
cross-listed POLSC 21900
prereq: ENGL 12000
3 hrs
3 cr .
WGSS 35100-Gender, Science, and Technology
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Pluralism and Diversity
PD/C
Explores the complex relationship among gender, science, and technology.
cross-listed (Cross-listed with NURS 35100.)
prereq: ENGL 12000, at least one science course at the 100 level
3 hrs
3cr.

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\section*{Women and Gender Studies: Women and Gender Across Cultures}

WGSC 29000 - Special Topics in Women and Gender Across Cultures
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of women and gender across cultures.

3 hrs
3 cr .

\section*{Women and Gender Studies: Special Topics Courses}

\section*{WGS 200XX - Special Topics in Women and Gender Studies}

\begin{abstract}
Pluralism and Diversity
\(\mathrm{PD} / \mathrm{A}\) or B or C or D (see department)
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-
American Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism \& diversity requirement, for further detail see department. 3 hrs
3 cr .
\end{abstract}

\section*{WGS 300XX - Special Topics in Women and Gender Studies}

\section*{Pluralism and Diversity}
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
3 cr .

\section*{WGS 400XX - Special Topics in Women and Gender Studies}

\section*{Pluralism and Diversity}
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; AsianAmerican Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
3 cr .

\section*{WGSS 29000 - Special Topics in Sexualities}

\section*{Pluralism and Diversity \\ PD/C \\ WGSS 29000: This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and sexuality.}

3 hrs
3 cr .

\section*{Women and Gender Studies: Independent Study and Internships}

\section*{WGSI 29800 - Internship}

Independent Study (WGS 29800 or 39300) may be applied only once toward the major.
prereq: perm program director
hrs TBA
\(1-6 \mathrm{cr}\).

\section*{WGSI 39300 - Independent Research}

Independent research guided by a faculty member on a subject of student's choice in the field of Women and Gender Studies.
Note: Independent Study (WGS 29800 or 39300) may be applied only once toward the major.
prereq: perm. program director
3 hrs
3 cr .

\section*{Women and Gender Studies: Senior Seminar}

\section*{WGS 31000 - Research Seminar: Feminist Theory and Methodology}

\begin{abstract}
Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.
Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar
prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher
3 hrs
3 cr.
spring semester
\end{abstract}

\section*{WGSP 32000 - Internship Seminar: Feminist Activism and Advocacy}

Open to \(\mathrm{Jr} / \mathrm{Sr}\) only. Practical experience in one of a variety of agencies and organizations related to the needs or concerns of women. Weekly seminar devoted to discussion of feminist activism and advocacy.

Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar.
prereq: WGS 10000 and 20100 and at least one other WGS course at the 200 level or higher.
7-10 hrs
3-4 cr.
spring semester

\section*{Programs Offered School of Nursing}

The School of Nursing offers three programs leading to the Bachelor of Science (with a major in nursing) degree: the Generic Program, for students who do not have an RN license; the RN to BS Program, for students who have completed a nursing program and have received or are about to receive a current RN license to practice professional nursing in New York State. This includes the joint/dual degree program with Queensborough Community College which provides early entry into the RN-BS program. See: http://www.qcc.cuny.edu/nursing/dualJointhunterBellevue.html; and the Accelerated 2 \({ }^{\text {nd }}\) Degree Program, for students who have already achieved a baccalaureate degree in another field of study and wish to transition into a nursing career. Information on applying to all of our programs is available on our website at http://www.hunter.cuny.edu/nursing.

In earning the bachelor of science (with a major in nursing) degree, students in all programs complete Core requirements and professional education curriculum requirements. See Programs and Courses in Hunter-Bellevue School of Nursing below for specific program requirements.

\section*{Programs, Progress Standards, and Courses in Education}

\section*{Back to The School of Education}

\section*{School of Education}

\section*{Undergraduate Programs}
- Adolescent Biology, Grades 7-12 - BA
- Adolescent Biology, Grades 7-12 - BA/MA
- Adolescent Chemistry, Grades 7-12 - BA
- Adolescent Chemistry, Grades 7-12 - BA/MA
- Adolescent Earth Science, Grades 7-12 - BA/MA
- Adolescent English, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12-BA
- Adolescent Mathematics, Grades 7-12 - BA/MA
- Adolescent Physics, Grades 7-12 - BA
- Adolescent Physics, Grades 7-12 - BA/MA
- Adolescent Social Studies, Grades 7-12 - BA
- Adolescent Teaching Languages Other Than English, Grades 7-12 - BA
- Childhood Education (QUEST) Grades 1-6 - BA
- Dance Pre-K - 12 - BA
- Dance Pre-K - 12 - BA/MA

\section*{Progress Standards}
1. Students must maintain a minimum overall GPA of 3.0 and an education sequence index of 3.0.
2. Any student who receives a grade of \(\mathrm{B}-, \mathrm{C}+, \mathrm{C}\) or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
3. Any student who receives a grade of \(D+\) or \(D\) in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
4. Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
5. Any student who has more than two grades of IN will be permitted to register for only one course the following semester.
Students will be permitted to register for the second methods course in their subject area only after having met the following requirements:
1. Completion of 18 credits of study in the major subject area;
2. Approval of the major department adviser; and
3. Maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.

\section*{Undergraduate Courses}

DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)
HED 31400 - Health Education for the Classroom Teacher
QSTA 40080 - The Art of Effective Teaching QSTA 40180 - Developmental Reading
QSTA 40680 - Mathematics Teaching and Learning in Elementary School
QSTA 40780 - The Arts: An Interdisciplinary Learning Experience
QSTA 41080 - Literacy Across the Content Areas
QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools
QSTA 41480 - Teaching Science in Elementary Schools
QSTA 41580 - Student Teaching
QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading
QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

QSTB 20280 - Child Growth and Development
QSTB 40380 - Social Foundations of Urban Education
QSTB 41380 - Psychology of Teaching and Learning
SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

SEDC 21100 - Young Adult Literature in Our Diverse Society
SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

SEDC 21500 - Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12
SEDC 22000 - Adolescent Health and Safety
SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12
SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

SEDC 32300 - Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12
SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12
SEDC 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 7-12
SEDC 45100 - Student Teaching in English, Grades 7-12
SEDC 45210 - Student Teaching in Chinese, Grades 7-12
SEDC 45220 - Student Teaching in French, Grades 7-12
SEDC 45280 - Student Teaching in Spanish, Grades 7-12
SEDC 45300 - Student Teaching in Mathematics, Grades 7-12
SEDC 45410 - Student Teaching in Biology, Grades 7-12
SEDC 45420 - Student Teaching in Chemistry, Grades 7-12
SEDC 45430 - Student Teaching in Physics, Grades 7-12
SEDC 45500 - Student Teaching in Social Studies, Grades 7-12
SEDC 45600 - Student Teaching in Dance, Grades Pre-K-12
SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)
SEDF 20400 - Adolescent Development
SEDF 20500 - Educational Psychology: Applications in Grades 7-12
SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12
SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

\section*{Psychology Department Description}

Return to Psychology

Psychology is concerned with all aspects of the study of behavioral, developmental and cognitive processes and employs a broad spectrum of approaches, from the social to the biological, to understand them. The Hunter College psychology program reflects the diversity of psychology as a science and a profession. Course offerings range from clinical, social and developmental psychology to experimental psychology, ethology, biopsychology and behavioral neuroscience.

Although Psychology is a large department, students have personal contact with faculty members through an extensive advisement system, involvement in departmental activities and committees, supervised field placement and participation in research laboratories under the guidance of faculty mentors as part of our independent study, honors, BP-ENDURE, MARC (Minority Access to Research Careers), DIDARP (Diversity Institutional Drug Abuse Research Development Program) \& MBRS/RISE (Minority Biomedical Research Support/Research Initiative for Scientific Enhancement) programs.

A broad range of applied and research opportunities are available within the department in developmental psychology, social psychology, human adjustment, animal behavior, physiological psychology and abnormal psychology. Departmental affiliations with mental health and community organizations make it possible for students to integrate their academic studies of personality, abnormal and child psychology with supervised practical experience by means of field placements and opportunities for applied research.

The faculty and facilities of various subprograms within the CUNY Psychology doctoral program and our master's program in General Psychology and in Animal Behavior and Conservation are integral parts of the Hunter College psychology program. These programs provide course concentrations in a number of different areas within psychology and offer undergraduate students research and other opportunities to interact with graduate students. Qualified students in their last semester may be admitted to graduate courses with the approval of the instructor and the department's graduate adviser.

The psychology major, as part of the bachelor's degree program, prepares the student for many career possibilities in psychology, education, social and welfare services, health services and industry and fulfills the course requirements for entering most psychology graduate programs. A background in psychology combined with special training in other disciplines within the college may be especially useful in preparing for careers in human resources, medicine, law, nursing, speech pathology, social work, special education, counseling and music, art and dance therapy.

Our undergraduate and graduate advisers provide students with additional guidance and information regarding career opportunities and graduate study.

\section*{Psychology Faculty}

Return to Psychology
Return to Faculty of the School of Arts and Sciences

Nesha Burghardt, Assistant Professor, Psychology; BA California (Berkeley), PhD New York University
Sheila Chase, Professor, Psychology; BA, MA City College, PhD CUNY
Martin Chodorow, Professor, Psychology; BA Texas (Austin), PhD MIT
Darlene DeFour, Associate Professor, Psychology; BA Fisk, MA, PhD Illinois

Tracy A. Dennis, Professor, Psychology; BA Rochester, PhD Pennsylvania State
Dawn Dugan, Lecturer Doctoral, Psychology, B.S., New York University, Ph.D., Hofstra University
Joel Erblich, Associate Professor, Psychology; BA Maryland, MPH Columbia School of Public Health, MA, PhD USC

Roseanne Flores, Associate Professor, Psychology; BS Fordham, MA Hunter, PhD CUNY

Maria A. Giammarella, Associate Professor, Psychology; BS Catholic University (Puerto Rico), MA New School for Social Research, EdS, MS, PhD SUNY (Albany)

Sarit Golub, Professor, Psychology; BA Yale, MPH Columbia School of Public Health, PhD Harvard
James Gordon, Professor, Psychology; BA Rochester, MA, PhD Brown
Mark E. Hauber, Professor, Psychology; BS Yale, PhD Cornell, DSc Auckland
Michael Hoyt, Associate Professor, Psychology; BA SUNY (Geneseo), MA, PhD Arizona State

Rebecca Farmer Huselid, Associate Professor, Psychology; BA Sterling College, MA Cal State (Fresno), PhD Kansas
Shirzad Jenab, Professor, Psychology; BA SUNY (Binghamton), MA Queens, PhD Mount Sinai School of Medicine

Joseph Lao, Senior Lecturer, Psychology; BA Long Island University, MA, PhD Teachers College, Columbia
University.

Michael J. Lewis, Professor, Psychology; BS Ursinus, MS Villanova, PhD Temple

Amber Martin, Lecturer Doctoral; BA, PhD Minnesota

Douglas Mennin, Professor, Psychology; BA Oberlin, MA, PhD Temple

Regina Miranda, Professor, Psychology; BA Yale, MA, PhD NYU
Peter Moller, Professor, Psychology; First Diploma, PhD Free University (Berlin)

Jeffrey T. Parsons, Distinguished Professor, Psychology; BA, MA, PhD Houston
Sandeep Prasada, Professor, Psychology; BS McGill (Canada), PhD MIT

Thomas Preuss, Professor, Psychology; MS, PhD University of Tübingen, Germany
Vanya Quiñones-Jenab, Professor, Psychology and Acting Associate Provost for Student Success and Retention; BA, MA Puerto Rico, PhD Rutgers

Diana Reiss, Professor, Psychology; BA, PhD Temple
Tracey Revenson, Professor, Psychology; BA Yale, MA, PhD New York University

Kimberly Robinson, Lecturer Doctoral, Psychology; B.A. Southern Maine, M.S, PhD Rutgers
Glenn Schafe, Professor, Psychology; B.S. College of William and Mary, PhD Washington
Stefan Schlussman, Lecturer Doctoral, Psychology; BS Minnesota; PhD New York Medical College
Peter Serrano, Associate Professor, Psychology; BA California (Los Angeles), MA, PhD California (Berkeley)

Michael Siller, Associate Professor, Psychology; Diploma Free University (Berlin), MA, PhD California (Los Angeles)

Tyrel Starks, Assistant Professor, Psychology; BS South Dakota; PhD Southern Illinois University (Carbondale)

Tricia Striano, Professor, Psychology; BA College of the Holy Cross, MA, PhD Emory
Ofer Tchernichovski, Professor, Psychology; BSc., PhD Tel Aviv University, DVM The Hebrew University

Virginia Valian, Distinguished Professor, Psychology; BA Michigan (Ann Arbor), MA, PhD Northeastern

Mariann Weierich, Associate Professor, Psychology; BA Notre Dame, MS PhD Yale

Jason Young, Associate Professor, Psychology; BA Indiana, PhD Minnesota
H. Philip Zeigler, Distinguished Professor, Psychology; BA City College, PhD Wisconsin (Madison

Return to Psychology
Return to Faculty of the School of Arts and Sciences

\section*{Public Policy Program Faculty Advisory Committee}

\author{
Return to the Faculty of the School of Arts and Sciences
}

Shyama Venkateswar, Distinguished Lecturer \& Director, Public Policy Program, Roosevelt House; BA Smith College, MA, PhD Columbia University
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\footnotetext{
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Jennifer Samson, Associate Professor, Education; EdD, Harvard ; Human Development and Psychology
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Return to the Public Policy Program

\section*{Re-Admission}

Students who have previously attended Hunter College may apply for readmission to their former status. These applicants should apply for readmission to the college well in advance of the semester for which they wish to return. Priority consideration will be given to applications filed prior to November 1 for spring admission, October 1 for winter, April 1 for summer and May 1 for fall admission. Applications filed after these dates will be considered on a space-available basis. All students who are readmitted to Hunter College after an absence of 10 or more years must
adhere to the undergraduate Catalog requirements in effect at the time of their readmission to Hunter College. They are also required to fulfill their major department's current course/degree requirements.

Applications for degree and nondegree readmission are available on the Hunter College web site www.hunter.cuny.edu or can be obtained at the Hunter College Office of Undergraduate Admissions and Recruitment. Students in good academic standing are generally readmitted to the college, whereas students who were dismissed for academic reasons or who left with a grade point average below 2.0 may be considered for readmission on a probationary basis.
Readmission on probation is predicated on the expectation that the student will raise his/her grade point average above 2.0 within a reasonable amount of time. SEEK students who have not been in attendance for four or more semesters and/or have been in the program for 10 semesters will not be readmitted to SEEK.

\section*{Reading/Writing Center}

416 Thomas Hunter
(212) 772-4212
http://rwc.hunter.cuny.edu
The Hunter College Reading/Writing Center is a comprehensive service designed to provide tutorial assistance and academic advisement to students as well as technical support and development to faculty, staff, and alumni. Located on the fourth floor of the Thomas Hunter Building, the RWC offers services to all registered students at the college undergraduate and graduate - and maintains an inclusive Web site comprising an extensive library of online handout materials and resource links in the areas of research information and techniques, writing tools and references, evaluating information sources, ESL and literary resources, and instructional resources regarding teaching and learning. Students can utilize the RWC's services by registering for individualized, paired, or online Chat tutoring sessions by appointment, receive assistance on a drop-in basis during scheduled hours of operation, or attend the center's on-site workshop series. Tutors help to develop a reading-writing process that students can use to improve their skills and to negotiate the requirements of academic reading and writing. In addition to the RWC's online resource file, students have direct access to the center's on-site library of textbooks and print materials.

\section*{Recreation, Fitness and Intramurals}

B315 Hunter West
(212) 772-4912

Hunter College Recreation
Hunter College's recreation, fitness and intramural programs are designed to promote physical fitness, relaxation, wellness and enjoyment for members of the college. Open to students, faculty, staff and alumni, the Recreation and Intramural and Fitness programs are flexible and provide for a variety of healthful and enjoyable experiences at all levels of skill and participation. Activities offered include a fitness center, open swimming, basketball, volleyball, indoor soccer, tennis and racquetball. Non-credit group fitness classes such as yoga, Pilates, core classes, cardio spin, Zumba \& Hip Hop dance are also offered.

Intramural sports provide Hunter students with the opportunity to compete in various organized activities, games and sports against members of the college community. Some of the more popular sports include flag football, basketball, volleyball, soccer, racquetball, handball, dodge ball, and the annual Turkey Trot. There are also several opportunities for employment with the recreation department, for both work study and non-work study students.

\section*{Regulations Published by the Hunter College Senate}

Students are expected to be familiar with the various requirements and procedures as given in this catalog and to follow them.

The Hunter College Senate, with authority granted to it by the CUNY Board of Trustees, determines all academic rules and regulations and approves all curricula. The Senate publishes changes in rules and regulations. Students who believe that their individual circumstances warrant a variance from the rules and regulations listed in this catalog must proceed to obtain permission from the appropriate college authority. Only through the procedures listed below are such variations permitted.

Students should obtain written documentation for any such variations. Students should be wary of informal advice or undocumented claims that they can be exempt from any college rules.
1. Inquiries concerning college regulations in general should be directed to the Office of Advising, Room 1119 East Building. Appeals for administrative exceptions to academic rules and regulations (for example, exceptions to approved academic program loads) are heard in the Office of Advising.
2. Inquiries concerning the major should be directed to the departmental adviser in the major department or program and inquiries concerning a minor should be directed to the adviser in the minor department or program.
3. Inquiries concerning the Hunter Core Requirement including the Focus in Foreign Language, Pluralism and Diversity and Writing should be addressed to the appropriate departmental adviser or an adviser in the Office of Advising, Room 1119 East Building.
4. Note:
1. Students who matriculated prior to fall 2001 and follow the regulations for the Distribution Requirement should also see a departmental adviser or an adviser in the Office of Advising. Room 1119 East Building.
2. Students who matriculated prior to fall 2013 may choose to remain under the GER Requirement or opt in to the Hunter Core Requirement. See Pathways website http://www.cuny.edu/pathways for further information
5. Students who entered Hunter under the Distribution Requirement and have been absent for 10 years or more must follow the Hunter Core Requirement or contact Advising, Room 1119 East Building, for information on appealing to follow Distribution.
6. Authorization for substitutions for specific Pluralism \& Diversity course requirements must be made by the Senate's General Education Appeals Committee. Students should consult the procedure for appeals outlined below and go to the Office of the Hunter College Senate, Room 1018 East Building, to obtain the proper forms for filing an appeal.
7. The procedure for grade Appeals appears below.
8. Every student is obliged to determine that all requirements for the degree have been met before the date of graduation. No changes may be made to the student record transcript after the graduation date. Graduates who wish to take additional courses at Hunter should see the Office of Undergraduate Admissions room 203 Hunter North, to open a new record. Any "STOPS" not cleared by the graduation date will result in the withholding of diploma and transcripts. Incomplete (IN) grades received in the final semester must be completed by the graduation date. If not, an application to graduate for the following semester must be filed with the Degree Audit unit of the Office of the Registrar, room 217 North Building. Additional information on the degree audit for graduation can be found at http://registrar.hunter.cuny.edu/forms/Degreeaudit/undergrad.htm.
Students who are uncertain about the interpretation of any matter may learn under whose authority the matter rests by inquiring in the Office of Advising, Room 1119 East Building. This catalog covers the general academic requirements consonant with earning a degree at Hunter College when this catalog went to press in 2016. Students are responsible for knowing all current regulations.

\section*{Religion}

Ronald Long, Associate Professor, History; AB Kenyon, MA, MPhil, PhD Columbia
Wendy Raver, Lecturer, Religion; MA NYU
Barbara Sproul, Associate Professor, Religion; BA Sarah Lawrence, MA, PhD Columbia

Return to Religion

\section*{Religion Program Description}

\author{
Return to Religion
}

In the program in Religion, students examine the nature of religion and the forms its various expressions have taken. Religion is studied as an academic discipline and the program's approach reflects no doctrinal bias. The purposes of the program are to introduce the field of religion in general; to present the thoughts, documents and history of major religious traditions (both Eastern and Western, ancient and modern, missionary and tribal); and to give students insight into specific religious issues and thinkers.

The program in Religion consists of a series of core courses taught by specialists in the field, augmented by other religion courses offered by faculty in 8 participating departments or divisions: Anthropology, Africana and Puerto Rican/Latino Studies, Chinese, Classics, Hebrew, History, Philosophy and Sociology.

The program is divided into four categories of courses: Introduction to the field of religion (basic introductory courses); Theoretical studies in religion (courses focusing on different methodological approaches to the study of religion); Issues in religion (courses dealing with religious experience, faith, ethics, religion and the arts); and Religious traditions (courses in major religious traditions).

\section*{Repeating Courses}

\section*{Repeating Courses}
1. Students shall not be permitted to repeat a course in which they have received a grade of \(\mathrm{A}, \mathrm{B}, \mathrm{C}\) or CR unless that course has been designated as repeatable in the course description of the college catalog.
2. Students may repeat a course in which a \(D\) was received. The credit for that course will be applied toward the degree once, but both the grade of D and the second grade earned are calculated in the grade point average. If the course is part of a sequence, it should be repeated before continuing the sequence.
3. A student who has received a grade of D may re register for the course only with the permission of the department offering the course.
4. If a student receives a failing grade ( \(\mathrm{F}, \mathrm{WU}, \mathrm{FIN}\) ) in a course and then retakes that course and receives a grade of \(\mathrm{A}, \mathrm{B}, \mathrm{C}\) or CR , the initial failing grade will remain on his/her academic record, but will no longer be computed into the grade point average. This adjustment to the GPA will occur automatically at the end of the semester when the student has retaken the course and received a grade of A, B, C, or CR. The original course in which the failing grade was received must have been taken after September 1, 1984 and repeated after September 1, 1990.
- No more than 16 credits may be deleted from the calculation of the cumulative grade point average.
- If two or more failing grades have been received for the same course and a grade of \(\mathrm{C}, \mathrm{CR}\) or better is subsequently earned, all of the failing grades for that course will be deleted from the grade point average, subject to the 16 -credit limit.
- The 16 -credit limit applies cumulatively to courses taken at all CUNY colleges.
- The repeated course must be taken at the same college as the initially failed course.

\title{
Requirements for Graduation: Hunter Core and Major Field of Study
}

\section*{REQUIREMENTS FOR GRADUATION: Hunter Core and Major Field of Study*}

\begin{abstract}
A student at Hunter College must earn a total of 120 credits to graduate with a bachelor's degree. These 120 credits must include credits to satisfy the Hunter Core Requirement (up to 42 credits) and to satisfy the requirements of a major field of study (major).

Credits for the Hunter Core and for a major usually do not add up to 120. A student may reach the necessary 120 credits by completing an additional major, a minor field of study (minor), a certificate program, or by taking elective courses.

Please note: New York State law requires a minimum number of liberal arts and science courses for undergraduate degrees, as follows:

BA \(75 \%\) of credits towards the degree, 90 credits
BS \(50 \%\) of credits towards the degree, 60 credits
BMus, BFA, BSW \(25 \%\) of credits towards the degree, 30 credits
Please see New York State Rule for Liberal Arts and Sciences Courses
\end{abstract}

\section*{Requirements for a Major}

All matriculated students must declare a major no later than the semester in which the combination of credits earned and credits for which they are currently registered totals 61 or greater. Transfer students entering with 60 credits or more must declare their major before the end of their first semester of attendance at Hunter. Students may find that some courses and career opportunities are available to them only if they have declared a major. In addition, under New York State guidelines, students who have not yet declared a major by the 61-credit point are ineligible for TAP financial aid. To declare or change a major, a student should get a major declaration form from the OASIS, Room 217 Hunter North and confer with an adviser in the major department.

For students who are nearing the 61-credit point and remain undecided about their choice of major, there are a number of avenues of assistance. Designated faculty in each academic department advise prospective majors about the undergraduate programs and related career possibilities. Also, the counselors in the Office of Student Services and Career Development Services offer assistance in choosing a major. The college is concerned that students select their major with careful consideration and with good knowledge of the range of options.

To earn a Hunter degree, students must complete at least half of their major credits at Hunter.

\section*{Major Courses and Hunter Core Courses}

A course taken to satisfy a major requirement often may satisfy a Hunter Common Core requirement. However, students are not allowed to take more than two courses from one department or program to fulfill the Hunter Core Requirement (note: English Composition 1 will not be counted as an English course in this context).

\section*{More than One Major}

BA students have the option of declaring up to 3 majors. Students must complete the Hunter Core requirement and satisfy the sequence for all declared majors. If the same courses are required for two (or three) majors, the student must take additional courses as approved by the major department to reach the required number of credits in each major. Regardless of major(s), BA students must complete at least 90 Liberal Arts credits to graduate. Students are urged to meet frequently with an adviser to help them make good course selections.

\section*{Advising}

Hunter College is concerned that students select their major(s) with careful consideration and with good knowledge of the range of options. For students who are nearing the 60 -credit point and remain undecided about their choice of major, there are a number of avenues of assistance. Designated faculty advisors in each academic department can inform prospective majors about their undergraduate programs and related career possibilities. Also, the advisers in the Office of Advising and Career Development Services can offer assistance in choosing a major.

Each department has advisers to help students with such matters as course content, when a course is expected to be given, how a course is conducted (lecture, discussion) and the textbook(s) to be used. Students may want to discuss majoring in a subject before they make their official decision or to inquire about graduate schools. Majors should see the department advisers frequently to discuss their interests.

\section*{Declaring a Major}

To declare or change a major, students should print a Major Declaration Approval form at registrar.hunter.cuny.edu/subpages/forms.shtml, and confer with an adviser in the major department who will review the program of study and determine the student's eligibility. If the student is admitted into the major, the adviser will sign and stamp the form. That form must be forwarded to OASIS. Each major must be declared in the same way and approved by an adviser in the major department.

All matriculated students must declare a major no later than the semester in which the combination of credits earned and credits for which they are currently registered totals 60 or greater. Transfer students entering with 60 credits or more must declare their major before the end of their first semester of attendance at Hunter.

\section*{Requirements to Audit Undergraduate Courses}

New York State residents 60 years of age or older may audit undergraduate courses at Hunter College on a tuition-free, space-available basis. Along with verification of having reached the age of 60 and New York State residency, applicants must file the undergraduate nondegree application to be considered for this program. Individuals over the age of 60 who do not wish to audit their courses may receive academic credit provided the appropriate tuition is paid.

\section*{Retention on the Basis of Grade Point Average and Probation}

\section*{Retention Based on Grade Point Average}

General scholarship is indicated by a college GPA (also referred to as the "cumulative index" or "index"). Each student is expected to know how to figure the GPA and is expected to compute it each semester. Students admitted with advanced standing or transfer credits cannot use previous grades earned at other colleges in the computation of the GPA, but the number of their transfer credits will be added to the total Hunter College credits to determine retention. This means that students must have achieved a given GPA by the time they have completed a certain number of credits or they will be placed on probation and if insufficient improvement is made within a specified period, they will be subject to dismissal for poor scholarship. The standards guiding these decisions are as follows:

\section*{Retention and Probation-Undergraduate}

The grade point average earned over the total period of a student's attendance indicates the adequacy of each student's scholarship. Below you will find minimum standards for retention and probation. Students who fail to achieve the required academic standards will be placed on academic probation. During this probationary period students who make satisfactory academic progress will continue to maintain their academic standing with the college and their concurrent eligibility for financial aid. Students who fail to achieve the required academic standards while on probation will be dismissed from Hunter College and the university system. Reminder: Academic requirements are the student's responsibility. A student is automatically on probation when he/she fails to achieve the required standards, whether he/she has received notification of such probation from the college or not. Therefore, always be aware of your cumulative GPA. Students on academic probation should visit the Center for Student Achievement, Room 417 Hunter West.

The following table shows the minimum grade point average which each undergraduate student must meet:

\section*{Total Credits Attempted Cumulative GPA}
\begin{tabular}{ll} 
& (Index) \\
\(0-12\) & 1.5 \\
\(13-24\) & 1.75 \\
\(25+\) & 2.0
\end{tabular}

The academic probation status remains on students' record for the entire semester on which the code was placed. Change of grades will only affect students' probation status at the end of the semester in which the change of grade is posted. For example if a change of grade is submitted mid-semester resulting in the student's GPA being raised to the required GPA the probation code will not be removed. Conversely, if the change of grade results the student's grade point average dropping below the required GPA the student will not be placed on probation mid-semester. The probation code is removed at the end of the semester if the student's GPA reaches the required GPA.

Summer sessions are considered part of the following fall semester, therefore, grades earned during the summer sessions will impact students' probation status at the end of the following fall semester.

Hunter's normal probation appeals procedure will continue to consider individual cases and to make such exception to these policies as circumstances may warrant.

Students dropped from the college may not be readmitted until they have been separated from the university for at least one semester or equivalent calendar time. Students must obtain an application for readmission at the Office of Undergraduate Admissions, Room 203 Hunter North. Students who are separated from the college may not enroll for credit-bearing courses in any unit of the university in any status.

\section*{Romance Languages}

Return to the Faculty of the School of Arts and Sciences
Marlene Barsoum, Associate Professor, French; BA CUNY, License-et-Lettres Nancy (France), MA, PhD Columbia

Michelle Bocquillon, Associate Professor, French; BA Univ. Catholique de Louvain (Belgium), MA New Orleans, PhD Cornell

Monica Calabritto, Associate Professor, Italian; Dottore in Lettere, Università di Pisa (Italy), MA, PhD CUNY

Maria Cornelio, Lecturer, Spanish; BA, Hunter, MA, University of Denver

Julia Przybos, Professor, French; BA Warsaw, MA, PhD Yale

Francesca Sautman, Professor, French; BA Barnard, MA, PhD California (Los Angeles)

Paolo Fasoli, Associate Professor and Chair, Italian; Dottore in Lettere Universita' di Roma II (Italy), PhD Toronto (Canada)

Michael Taormina, Associate Professor, French; BA, MA California (Los Angeles), MA, PhD Columbia

Diana Conchado, Associate Professor, Spanish; BA Hunter, MA, PhD Brown

Marithelma Costa, Professor, Spanish; BA SUNY (Albany), MA Columbia, PhD CUNY

Anselmo Di Iorio, Associate Professor, French; BA Grinnell, MA, PhD Pennsylvania

Maria Luisa Fischer, Associate Professor, Spanish; Licenciatura en Literatura General (Chile), PhD Boston

Maria Hernandez-Ojeda, Associate Professor, Spanish; BA Madrid (Spain), MA, PhD Florida State

Adrian Izquierdo, Doctoral Lecturer, Spanish, MA, Université Cergy-Pontoise, PhD CUNY
Rolando Perez, Professor, Spanish; MA, SUNY at Stony Brook, PhD, CUNY

Magdalena Perkowska, Professor, Spanish; BA Jagellon, MA Simon Bolivar, PhD Rutgers

Rosa A. Ramos, Associate Professor, Spanish; PhD Pennsylvania

Julie Van Peteghem, Assistant Professor, Italian; Licenciate, Ghent University, MA, University of Leuven, MA, MPhil, PhD, Columbia

Return to the Department of Romance Languages

\title{
Romance Languages Department Description
}

Return to Department of Romance Languages

\begin{abstract}
The Department of Romance Languages at Hunter College offers language, culture and literature courses in French, Italian, Spanish, as well as literature and culture courses in English. Our degrees include the undergraduate major and master's degrees in French, Italian and Spanish. We also offer a Romance Languages major that combines knowledge and understanding of two Romance literatures and cultures. Besides these offerings, the department has recently added a major concentration in Spanish-English/English-Spanish Translation and Interpretation, an expansion of its vision of providing professional training within the context of traditional liberal arts.

In addition, the department is committed to equipping students for professional life: it has continued Hunter's tradition in teacher preparation, and, in conjunction with the School of Education, it sponsors TEP (Teacher Education Program), a selective scholarship-cum-practicum program leading to an MA in Spanish/Education.

Most students majoring in one or two Romance languages pursue careers in education. Others enter careers in the fields of commerce, tourism, interpretation and translation and international affairs, among others.
\end{abstract}

The Comprehensive Examination may be taken twice. Students may request a third attempt by sending a letter of appeal to the Graduate Faculty Committee.

\section*{Rules and Regulations}

Please note that all appeals for exceptions and/or substitutions to the GER requirements, HCR requirements and distribution requirements will now be heard in the hunter college senate, room 1018 east building. please access the following link to file an online appeal application http://www.hunter.cuny.edu/senate/gerappeals all appeals for dean's list, change of administrative grades (WU, WN, FIN) to retroactive withdrawals and fulfillment of the foreign language requirement with four years of high school language study remain in the office of advising services, room 1119 east building.

\section*{Rules and Regulations for the Maintenance of Public Order}

\section*{The City University of New York}

\title{
Rules and Regulations for the Maintenance of Public Order Pursuant to Article 129-A of the Education Law
}

Rules
Penalties
Appendix

\section*{Introduction}

The tradition of the University as a sanctuary of academic freedom and center of informed discussion is an honored one, to be guarded vigilantly. The basic significance of that sanctuary lies in the protection of intellectual freedom: the rights of professors to teach, of scholars to engage in the advancement of knowledge, of students to learn and to express their views, free from external pressures or interference. These freedoms can flourish only in an atmosphere of mutual respect, civility, and trust among teachers and students, only when members of the University community are willing to accept self-restraint and reciprocity as the condition upon which they share in its intellectual autonomy.

Academic freedom and the sanctuary of the University campus extend to all who share these aims and responsibilities. They cannot be invoked by those who would subordinate intellectual freedom to political ends, or who violate the norms of conduct established to protect that freedom. Against such offenders the University has the right, and indeed the obligation, to defend itself. We accordingly announce the following rules and regulations to be in effect at each of our colleges which are to be administered in accordance with the requirements of due process as provided in the Bylaws of the Board of Trustees.

With respect to enforcement of these rules and regulations we note that the Bylaws of the Board provide that:
"THE PRESIDENT. The president, with respect to his education unit, shall:
Have the affirmative responsibility of conserving and enhancing the educational standards of the college and schools under his jurisdiction;

Be the advisor and executive agent of the Board and of his respective College Committee and as such shall have the immediate supervision with full discretionary power in carrying into effect the Bylaws, resolutions, and policies of the Board, the lawful resolutions of any of its committees and the policies, programs, and lawful resolutions of the several faculties;

Exercise general superintendence over the concerns, officers, employees, and students of his educational unit."
I. Rules

A member of the academic community shall not intentionally obstruct and/or forcibly prevent others from the exercise of their rights. Nor shall he interfere with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.

Individuals are liable for failure to comply with lawful directions issued by representatives of the University/college when they are acting in their official capacities. Members of the academic community are required to show their identification cards when requested to do so by an official of the college.

Unauthorized occupancy of University/college facilities or blocking access to or from such areas is prohibited.
Permission from appropriate college authorities must be obtained for removal, relocation, and use of University/college
equipment and/or supplies.

Theft from, or damage to, University/college premises of property, or theft of or damage to property of any person on University/college premises is prohibited.

Each member of the academic community or an invited guest has the right to advocate his position without having to fear abuse, physical, verbal, or otherwise, from others supporting conflicting points of view. Members of the academic community and other persons on the college grounds shall not use language or take actions reasonably likely to provoke or encourage physical violence by demonstrators, those demonstrated against, or spectators.

Action may be taken against any and all persons who have no legitimate reason for their presence on any campus within the University/college, or whose presence on any such campus obstructs and/or forcibly prevents others from the exercise of their rights or interferes with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.

Disorderly or indecent conduct on University/college-owned or controlled property is prohibited.

No individual shall have in his possession a rifle, shotgun, or firearm or knowingly have in his possession any other dangerous instruments or material that can be used to inflict bodily harm on an individual or damage upon a building or the grounds of the University/college without the written authorization of such educational institution. Nor shall any individual have in his possession any other instrument or material which can be used and is intended to inflict bodily harm on any individual or damage upon a building or the grounds of the University/college.

Any action or situation which recklessly or intentionally endangers mental or physical health or involves the forced consumption of liquor or drugs for the purpose of initiation into or affiliation with any organization is prohibited.

The unlawful manufacture, distribution, dispensation, possession, or use of illegal drugs or other controlled substances by University students or employees on University/college premises, or as part of any University/college activities is prohibited. Employees of the University must also notify the College Personnel Director of any criminal drug statute conviction for a violation occurring in the workplace not later than five (5) days after such conviction.

The unlawful possession, use, or distribution of alcohol by students or employees on University/college premises or as part of any University/college activities is prohibited.

\section*{II. Penalties}

Any student engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be subject to the following range of sanctions as hereafter defined in the attached Appendix: admonition, warning, censure, disciplinary probation, restitution, suspension, expulsions, ejection, and/or arrest by the civil authorities.

Any tenured or non-tenured faculty member, or other member of the instructional staff, or member of the classified staff engaging in any manner in conduct prohibited under substantive Rules \(1-11\) shall be subject to the following range of penalties: warning, censure, restitution, fine not exceeding those permitted by law or by the Bylaws of The City University of New York or suspension with/without pay pending a hearing before an appropriate college authority, dismissal after a hearing, ejection, and/or arrest by the civil authorities, and, for engaging in any manner in conduct prohibited under substantive Rule 10, may, in the alternative, be required to participate satisfactorily in an appropriately
licensed drug treatment or rehabilitation program. A tenured or non-tenured faculty member, or other member of the instructional staff, or member of the classified staff charged with engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be entitled to be treated in accordance with applicable provisions of the Education Law, or the Civil Service Law, or the applicable collective bargaining agreement, or the Bylaws or written policies of The City University of New York.

Any visitor, licensee, or invitee engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be subject to ejection and/or arrest by the civil authorities.

Any organization which authorized the conduct prohibited under substantive Rules 1-11 shall have its permission to operate on campus rescinded.

Penalties 1-4 shall be in addition to any other penalty provided by law or The City University Trustees.
Appendix
Sanctions Defined:
ADMONITION. An oral statement to the offender that he has violated university rules.

WARNING. Notice to the offender, orally or in writing, that continuation or repetition of the wrongful conduct, within a period of time stated in the warning, may cause far more severe disciplinary action.

CENSURE. Written reprimand for violation of specified regulation, including the possibility of more severe disciplinary sanction in the event of conviction for the violation of any University regulation within a period stated in the letter of reprimand.

DISCIPLINARY PROBATION. Exclusion from participation in privileges or extracurricular University activities as set forth in the notice of disciplinary probation for a specified period of time.

RESTITUTION. Reimbursement for damage to or misappropriation of property. Reimbursement may take the form of appropriate service to repair or otherwise compensate for damages.

SUSPENSION. Exclusion from classes and other privileges or activities as set forth in the notice of suspension for a definite period of time.

EXPULSION. Termination of student status for an indefinite period. The conditions for readmission, if any is permitted, shall be stated in the order of expulsion.

COMPLAINT TO CIVIL AUTHORITIES.

\section*{EJECTION.}

A true copy of resolution adopted by the Board of Trustees of The City University of New York on June 23, 1969, as amended on October 27, 1980, May 22, 1989, and June 25, 1990.

\section*{School of Arts and Sciences}
\begin{tabular}{|c|c|}
\hline & HEGIS Code \\
\hline Accounting - BS, MS & 0502 \\
\hline Africana and Puerto Rican/Latino Studies - BA & 2211 \\
\hline Animal Behavior and Conservation -MA & 2001 \\
\hline Anthropology - BA, MA, BA/MA & 2202 \\
\hline Archaeology - BA, Interdepartmental & 2203 \\
\hline Art - BFA, MFA & 1002 \\
\hline Art History - BA ( 30 credit major), MA & 1003 \\
\hline Studio Art - BA (24-cr and 42-cr majors) & 1002 \\
\hline Biochemistry - MA & 0414 \\
\hline Biological Sciences - BA, MA & 0401 \\
\hline Biology 7-12 Teacher - BA, MA & 0401, 0401.01 \\
\hline Biomedical Laboratory Management -MS/Adv Cert (with CUNY SPS) & 0499/0506 \\
\hline Biotechnology - BA/MA & 0499 \\
\hline Medical Laboratory Sciences-BS & 1223 \\
\hline Medical Laboratory Sciences/Biomedical Sciences - BS/MA & 1223 \\
\hline Medical Laboratory Sciences/Clinical Sciences - BS/MA & 1223 \\
\hline Chemistry, Major I - BA & 1905 \\
\hline Chemistry, Major II - BA & 1905 \\
\hline Chemistry 7-12 Teacher - BA, BA/MA, MA & 1905, 1905, 1905.01 \\
\hline Chinese Language and Literature - BA & 1107 \\
\hline Chinese Language and Literature 7-12 Teacher - BA & 1107 \\
\hline Classical Studies - BA & 1504 \\
\hline
\end{tabular}
\begin{tabular}{|c|c|}
\hline Comparative Literature - BA & 1503 \\
\hline Computer Science - BA & 0701 \\
\hline Creative Writing (English) - MFA & 1507 \\
\hline Dance - BA & 1008 \\
\hline Dance Pre-K-12 Teacher - BA & 1008 \\
\hline Dance/Dance Education - BA/MA & 1008 \\
\hline Dance Education - MA & 1008 \\
\hline Earth Science 7-12 - MA & 1917.01 \\
\hline Economics - BA, MA, BA/MA & 2204 \\
\hline English - BA/MA & 1501 \\
\hline English Language Arts - BA & 1501 \\
\hline English Literature - BA, MA & 1502 \\
\hline English 7-12 Teacher - BA, MA & 1501, 1501.01 \\
\hline Environmental Studies (Geography) - BA & 4999 \\
\hline Film Production - BA & 1010 \\
\hline French - BA, MA & 1102 \\
\hline \(\dagger\) French 7-12 Teacher - BA, MA & 1102, 1102.01 \\
\hline Geographic Information Systems - Advanced Certificate & 2206 \\
\hline Geography - BA, MA & 2206 \\
\hline Geography Social Studies 7-12 Teacher - BA, MA & 2205, 2201.01 \\
\hline German - BA & 1103 \\
\hline German 7-12 Teacher - BA & 1103 \\
\hline Greek - BA & 1110 \\
\hline Health Careers Preparation Certificate & 1201 \\
\hline Hebrew - BA & 1111 \\
\hline
\end{tabular}
\begin{tabular}{|c|c|}
\hline Hebrew 7-12 Teacher - BA & 1111 \\
\hline History - BA, MA, BA/MA & 2205 \\
\hline Human Biology - BA & 0401 \\
\hline Human Rights - Undergraduate Certificate & 5506 \\
\hline Integrated Media Arts - MFA & 0605 \\
\hline Italian - BA, MA & 1104 \\
\hline Italian 7-12 Teacher - BA & 1104 \\
\hline \(\dagger\) Italian 7-12 Teacher - BA, MA & 1104, 1104.01 \\
\hline Jewish Studies - BA & 0309 \\
\hline Latin - BA & 1109 \\
\hline \(\dagger\) Latin 7-12 Teacher - MA & 1109.01 \\
\hline Latin American and Caribbean Studies - BA & 0308 \\
\hline Latin \& Greek - BA & 1504 \\
\hline Media Studies - BA & 0601 \\
\hline Mathematics - BA, BA/MA & 1701 \\
\hline Mathematics 7-12 Teacher - BA, BA/MA, MA & 1701 \\
\hline Mathematics/Statistics and Applied Mathematics - BA/MA & 1701/1703 \\
\hline Pure Mathematics - MA & 1701 \\
\hline Medical Laboratory Sciences/Biological Sciences - BS/MA & 1223.01/0401 \\
\hline Music - BA (25-cr and 42-cr majors) & 1004 \\
\hline Music - BMus & 1004 \\
\hline Music - BA/MA & 1004 \\
\hline Music Pre-K-12 Teacher - BA/MA & 1004 \\
\hline Music - MA & 1005 \\
\hline Music Pre-K-12 Teacher - MA & 1004 \\
\hline
\end{tabular}
\begin{tabular}{|c|c|}
\hline Philosophy - BA & 1509 \\
\hline Physics - BA, MA, BA/MA & 1902 \\
\hline Physics 7-12 Teacher - BA, MA & 1902, 1902.01 \\
\hline Playwriting - MFA & 1007 \\
\hline Political Science - BA & 2207 \\
\hline Psychology - BA, MA & 2001 \\
\hline Psychology of Animal Behavior and Conservation - Advanced Certificate & 2001 \\
\hline Public Policy - Undergraduate Certificate & 2102 \\
\hline Pure Mathematics - MA & 1701 \\
\hline Religion - BA & 1510 \\
\hline Romance Languages - BA & 1101 \\
\hline Russian - BA & 1106 \\
\hline Russian 7-12 Teacher - BA & 1106 \\
\hline Sociology - BA & 2208 \\
\hline Social Research - MS & 2208 \\
\hline Sociology/Social Research — BA/MS & 2208 \\
\hline Spanish - BA, MA & 1105 \\
\hline \(\dagger\) Spanish 7-12 Teacher - BA, MA & 1105, 1105.01 \\
\hline Special Honors Program - BA & 4999 \\
\hline Statistics - BA & 1702 \\
\hline Statistics and Applied Mathematics - MA & 1703 \\
\hline Statistics/Statistics and Applied Mathematics - BA/MA & 1702/1703 \\
\hline Studio Art - BA (24-cr and 42-cr majors) & 1002 \\
\hline Theatre - BA, MA & 1007 \\
\hline Urban Affairs - MS & 2214 \\
\hline
\end{tabular}
\begin{tabular}{|l|l|}
\hline Urban Planning — MUP & 2214 \\
\hline Urban Studies — BA & 2214 \\
\hline Women and Gender Studies — BA & 4903 \\
\hline
\end{tabular}
\(\dagger\) See Classics section of this catalog for courses in Latin, Chinese, Hebrew, and Russian, and see Romance Languages section for courses in French, Italian, and Spanish.
* Childhood Education (Quest), BA, is a collateral major, students must major in English, English language arts, history, geography, social studies (available as a major in the geography department), mathematics, biology or chemistry).

\section*{School of Education Course List}

\section*{DANED}
- DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12) ECC
- ECC 30000 - Early Childhood Programs and Curricular Frameworks
- ECC 30100 - Field work/Internship 1
- ECC 30200 - Field work/Internship 2
- ECC 30300 - Field work/Internship 3
- ECC 30400 - Creative Arts and Play-Based Learning
- ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)
- ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade
- ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds
- ECC 31000 - Mathematics in Early Childhood
- ECC 31100 - Early Childhood Science and Inquiry-Based Learning
- ECC 31400 - Health, Family, and Community Partnerships
- ECC 40100 - Student Teaching

ECF
- ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8
- ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education
- ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

HED
- HED 31400 - Health Education for the Classroom Teacher

QSTA
- QSTA 40080 - The Art of Effective Teaching
- QSTA 40180 - Developmental Reading
- QSTA 40680 - Mathematics Teaching and Learning in Elementary School
- QSTA 40780 - The Arts: An Interdisciplinary Learning Experience
- QSTA 41080 - Literacy Across the Content Areas
- QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools
- QSTA 41480 - Teaching Science in Elementary Schools
- QSTA 41580 - Student Teaching
- QSTAB 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading
- QSTAB 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools
- QSTAB 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning
QSTB
- QSTB 20280 - Child Growth and Development
- QSTB 40380 - Social Foundations of Urban Education
- QSTB 41380 - Psychology of Teaching and Learning

SEDC
- SEDC 21000 - Building the Foundations of Literacy in Grades 7-12
- SEDC 21100 - Young Adult Literature in Our Diverse Society
- SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12
- SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12
- SEDC 21500 - Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12
- SEDC 22000 - Adolescent Health and Safety
- SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12
- SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12
- SEDC 32300 - Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12
- SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12
- SEDC 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 7-12
- SEDC 45100 - Student Teaching in English, Grades 7-12
- SEDC 45210 - Student Teaching in Chinese, Grades 7-12
- SEDC 45220 - Student Teaching in French, Grades 7-12
- SEDC 45280 - Student Teaching in Spanish, Grades 7-12
- SEDC 45300 - Student Teaching in Mathematics, Grades 7-12
- SEDC 45410 - Student Teaching in Biology, Grades 7-12
- SEDC 45420 - Student Teaching in Chemistry, Grades 7-12
- SEDC 45430 - Student Teaching in Physics, Grades 7-12
- SEDC 45500 - Student Teaching in Social Studies, Grades 7-12
- SEDC 45600 - Student Teaching in Dance, Grades Pre-K-12

SEDF
- SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)
- SEDF 20400 - Adolescent Development
- SEDF 20500 - Educational Psychology: Applications in Grades 7-12
- SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

SPED
- SPED 30800-Teaching Students with Special Needs in Inclusive Settings

\section*{School of Education Progress Standards}

\section*{Programs in Adolescent and Creative Arts Education}
1. Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
2. Any student who receives a grade of \(\mathrm{B}-, \mathrm{C}+, \mathrm{C}\) or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
3. Any student who receives a grade of \(\mathrm{D}+\) or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
4. Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
5. Any student who has more than two grades of IN will be permitted to register for only one course the following semester
6. Second Methods Course: Students will be permitted to register for the second methods course in their subject area only after having met the following requirements: Completion of 18 credits of study in the major subject area; approval of the major department adviser; and maintenance of an overall GPA of 3.0 and an education sequence index of 3.0.
7. Take the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
8. Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

\section*{Program in Childhood Education}
1. Students must maintain a GPA of at least 3.0 throughout the QUEST program.
2. Students must receive grades of C or better in required coursework in liberal arts and sciences and in QUEST courses that do not include fieldwork. QUEST fieldwork courses require a grade of B or better. All QUEST courses are repeatable once by students who have received a grade of \(\mathrm{C}-, \mathrm{D}+\) or D in a non-fieldwork course or a grade below B in a fieldwork course. Students must officially reregister for these courses. Students who receive an F in any course or a \(\mathrm{D}+\) or D in fieldwork may not continue in the program.
3. In order to register for QSTA 412 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools, students must have completed HIST 151 and HIST 152, or one of these courses plus GEOG 101.
4. In order to register for QSTA 406-Mathematics Teaching and Learning in Elementary School, students must have completed MATH 104 (STEM) and MATH 105. With the approval of the program coordinator, transfer students may be allowed to enroll in QSTA 406 after completing MATH 104 (STEM) and registering for MATH 105 if their progress through the QUEST program would be delayed by the requirement for MATH 105 as a prerequisite.
5. In order to register for QSTA 414 - Teaching Science in Elementary Schools, students must have completed two courses in science, at least one of which must be a laboratory science.
6. Take the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
7. Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.

Program in Early Childhood Education
1. A minimum grade of C or better in all non-field courses (Courses can only be repeated once)
2. A minimum grade of B or better in all fieldwork courses. (Fieldwork courses can only be repeated once)
3. Maintain a cumulative GPA of at least 3.0
4. Complete 6 credits of study in a foreign language prior to the completion of ECC 306: Language and Literacy for Children of Diverse Backgrounds, K-2
5. Complete Math 104 with a minimum grade of C prior to registering for ECC 310: Mathematics in Early Childhood.
6. Complete with a minimum grade of C two semesters of natural science prior to registering for ECC 311: Early Childhood Science and Inquiry-Based Learning. Courses used to meet CUNY's Common Core in Life
and Physical Sciences, and in Scientific World can be used to meet this requirement (with the exception of computer science (CSCI) and economics (ECO) courses).
7. Take the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
8. Complete at least 21 credits in an approved Arts \& Sciences major before student teaching.
9. Follow the course sequence, which represents the required classes that Early Childhood students must take each semester. The courses for each semester must be completed successfully in that term.

\section*{School of Education-Hegis Codes}
\begin{tabular}{|c|c|}
\hline Adolescent Education - Offered in collaboration with the following departments or programs & HEGIS Code \\
\hline Advanced Certificate TESO1 Pre-K-12 & 1508 \\
\hline Biology 7-12 - BA, MA & 0401, 0401, 0401.01 \\
\hline Chemistry 7-12 - BA, BA/MA, MA & 1905, 1905, 1905.01 \\
\hline \(\dagger\) Chinese 7-12 - BA & 1107 \\
\hline Earth Science 7-12 - MA & 1917.01 \\
\hline English 7-12 - BA, MA & 1501, 1501.01 \\
\hline \(\dagger\) French 7-12 - BA, MA & 1102, 1102.01 \\
\hline German 7-12-BA & 1103 \\
\hline \(\dagger\) Hebrew 7-12-BA & 1111 \\
\hline \(\dagger\) Italian 7-12 - BA, MA & 1104, 1104.01 \\
\hline \(\dagger\) Latin 7-12 - MA & 1109.01 \\
\hline \multicolumn{2}{|l|}{\(\dagger\) Latin 7-12 Adv Cert} \\
\hline & 1109.01 \\
\hline
\end{tabular}

Mathematics 7-12 - BA, BA/MA, MA 1701 Physics 7-12 — BA, MA 1902, \(1902.01 \dagger\) Russian 7-12 - BA 1106 Social Studies 7-12 — BA, MA 2205, \(2201.01 \dagger\) Spanish 7-12 — BA, MA 1105, 1105.01 Childhood Education, Grades 1-6 - BA*, MSEd 0802 Childhood Education with concentration in Math and Science, Grades 1-6 - MSEd 0802 Childhood Education 1-6 with Bilingual Education Extension - MSEd 0802 Bilingual Extension Advanced Certificate 0899 Early Childhood Education, Birth-2 — MSEd 0823 Dance Pre-K-12 teacher - BA 1008 Music Pre-K-12 teacher - BA/MA, MA 1004
\(\square\)
\begin{tabular}{|c|c|}
\hline School Counseling Program & \\
\hline School Counselor - MSEd & 826.01 \\
\hline School Counselor with Bilingual Extension - MSEd & 826.01 \\
\hline Literacy: Birth-6 - MSEd & 0830 \\
\hline Rehabilitation Counseling - MSEd & 2104.1 \\
\hline School Building Leadership - Advanced Certificate & 0828 \\
\hline School District Leadership - Advanced Certificate & 0827 \\
\hline Special Education - MSEd & \\
\hline Childhood Special Education 1-6 & 0808 \\
\hline Childhood Special Education 1-6 with an Annotation in Severe or Multiple Disabilities & 0808 \\
\hline Early Childhood Special Education & 0808 \\
\hline Early Childhood Special Education with an Annotation in Severe/Multiple Disabilities & 0808 \\
\hline Deaf or Hard-of-Hearing & 0812 \\
\hline Blind or Visually Impaired & 0814 \\
\hline Blind and Visually Impaired Orientation and Mobility & 0814 \\
\hline Blind and Visually Impaired Orientation and Mobility Adv Cert & 0814 \\
\hline Severe Disabilities: Autism - Advanced Certificate & 0808 \\
\hline Visual Impairment: Rehabilitation Teaching & 0814 \\
\hline Visual Impairment: Rehabilitation Teaching with Orientation and Mobility Sequence & 0814 \\
\hline Teaching English to Speakers of Other Languages - MA & 1508 \\
\hline Special Education - Advanced Certificates Gifted and Talented & 0811 \\
\hline Severe Disabilities: Autism & 0808 \\
\hline
\end{tabular}
\begin{tabular}{|l|l|}
\hline Teaching of the Blind and Visually Impaired & 0814 \\
\hline Teaching of the Blind and Visually Impaired: Orientation and Mobility & 0814 \\
\hline
\end{tabular}
\(\dagger\) See Classics section of this catalog for courses in Latin, Chinese, Hebrew, and Russian, and see Romance Languages section for courses in French, Italian, and Spanish.
* Childhood Education (Quest), BA, is a collateral major; students must major in English, English language arts, history, geography, social studies (available as a major in the geography department), mathematics, biology or chemistry).

\section*{School of Education: Administration}

Office:

1000 Hunter West
(212) 772-4624

Web site: http://www.hunter.cuny.edu/education
Dean:
Michael J. Middleton
(212) 772-4622
soedean@hunter.cuny.edu
Associate Dean:
Matthew Caballero
(212) 772-4621
matthew.caballero@hunter.cuny.edu
Acting Senior Associate Dean:
Sherryl Graves
(212) 650-3375
sgraves@hunter.cuny.edu

Office of Academic and Student Affairs:
1000 Hunter West
soe.oasa@hunter.cuny.edu
Office of Clinical Experiences:
1000 Hunter West
oce@hunter.cuny.edu

\section*{Coordinator, Adolescent Education:}

Jeanne Weiler
(212) 650-3459
jweiler@hunter.cuny.edu

Assistant Director of Undergraduate Student Affairs \&
Coordinator, Childhood Education:

Jason Riffaterre
(212) 772-4638
jriffate@hunter.cuny.edu
Coordinators, Early Childhood Education:
Lacey Peters
(212) 772-5239
lacey.peters@hunter.cuny.edu
Carmen Brown
(212) 396-6151
cb95@hunter.cuny.edu

\title{
School of Education: Department Information
}

\section*{Curriculum and Teaching}

Office:

1023 West
(212) 772-4686

Chair:
Jason Wirtz (acting, fall 2016)
(212)-772-4665
jwirtz@hunter.cuny.edu
Yang Hu (spring 2017)
(212)-772-4753
yang.hu@hunter.cuny.edu

Educational Foundations and Counseling Programs

Office:
1016 West
(212) 772-4710

Chair:
Gess LeBlanc
(212)-772-4712
gleblanc@hunter.cuny.edu
Special Education

Office:

909 West
(212) 772-4701

Chair:
David Connor
(212)-772-4746
dconnor@hunter.cuny.edu

\section*{School of Education: Program List}
- Adolescent Biology, Grades 7-12 - BA
- Adolescent Biology, Grades 7-12 - BA/MA
- Adolescent Chemistry, Grades 7-12 - BA
- Adolescent Chemistry, Grades 7-12 - BA/MA
- Adolescent Earth Science, Grades 7-12-BA/MA
- Adolescent English, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12 - BA/MA
- Adolescent Physics, Grades 7-12 - BA
- Adolescent Physics, Grades 7-12 - BA/MA
- Adolescent Social Studies, Grades 7-12 - BA
- Adolescent Teaching Languages Other Than English, Grades 7-12 - BA
- Childhood Education (QUEST) Grades 1-6 - BA
- Dance Pre-K - 12 - BA
- Dance Pre-K - 12 - BA/MA
- Early Childhood Education, Birth-Grade 2 - BA
- Music Pre-K - 12 - BA/MA

\section*{School of Health Professions: Hegis Codes}

\section*{School of Social Work}
\(\square\)
\begin{tabular}{|l|l|}
\hline Social Work - BSW & 2104 \\
\hline Social Work - MSW & 2104 \\
\hline \begin{tabular}{l} 
Infant and Parent Development and Early Intervention with Bank Street College of Education (MSED \\
Bank Street)/MSW (Hunter) MSEd/MSW
\end{tabular} & \(0823 / 2104\) \\
\hline
\end{tabular}

\section*{School of Urban Public Health}

\author{
School of Urban Public Health \\ Community Health-BS \\ Nutrition and Food Science: BS. BS-MS, MS 1306 \\ \section*{SEEK Faculty}
}

HEGIS CODE

1214

Return to SEEK Program

Sandra Granizo Cruz, Lecturer, BA, MSW Hunter
Jorge Fuentes, Assistant Professor, BA City, MS Lehman, EdD Grambling
Fredericka C. Liggins, Lecturer, BA Hunter, MS Fordham
Patricia Hamilton Martin, Lecturer, BS Southern, MA Hunter, PhD CUNY
Maria Rodriguez, Associate Professor, BS Catholic (Puerto Rico), MS, PhD SUNY Albany

\section*{SEEK Program (Search for Education, Elevation and Knowledge)}

SEEK is a higher education opportunity program at the senior (four year) CUNY colleges. It was established to provide comprehensive academic support to assist capable students who otherwise might not be able to attend college due to their educational and financial circumstances. Students are admitted without regard to age, sex, sexual orientation, race, disability, or creed. The SEEK Program at Hunter provides individualized educational and support services. Eligible participants receive a stipend to help defray educational expenses. Students apply for entry to the SEEK Program through the standard freshman admission process. See the Financial Aid section for additional information on requirements for admission to the SEEK Program and visit the program's website, http://www.hunter.cuny.edu/seek.

\section*{Senior Citizens}

New York State residents 60 years of age or older may audit undergraduate courses at Hunter College on a tuition-free, space-available basis. Along with verification of having reached the age of 60 and New York State residency,
applicants must file the undergraduate nondegree application to be considered for this program. Individuals over the age of 60 who do not wish to audit their courses may receive academic credit provided the appropriate tuition is paid. Auditors receive neither grades nor academic credit for their courses. Individuals enrolling under this program pay fees totaling approximately \(\$ 80\) each semester.

\section*{Sociology}

Return to the Faculty of the School of Arts and Sciences

\author{
Michael Owen Benediktsson, Assistant Professor, Sociology; BA Wesleyan, MA, PhD Princeton \\ Lynn S. Chancer, Professor and Chair, Sociology; AB Princeton, PhD CUNY \\ Erica Chito Childs, Associate Professor, Sociology; BA San Jose, MA, PhD Fordham \\ Margaret M. Chin, Associate Professor, Sociology; BA Harvard-Radcliffe, MA, PhD Columbia \\ Thomas DeGloma, Assistant Professor, Sociology; BA Rutgers, MA Rutgers, PhD Rutgers \\ Nancy Foner, Distinguished Professor, Sociology; BA Brandeis, MA, PhD Chicago \\ Jessica Halliday Hardie, Assistant Professor, Sociology; BA Wellesley, MS Pace, MA, PhD UNC \\ Mark Halling, Lecturer, Sociology, BA University of Minnesota, MA CUNY \\ John Hammond, Professor, Sociology; AB Harvard, MA, PhD Chicago \\ Donald Hernandez, Professor, Sociology; BA University of Illinois, MA University of California-Berkeley, PhD \\ University \\ of California-Berkeley
}

Marnia Lazreg, Professor, Sociology; BA Lycée R. Basset (Algeria), MA, PhD NYU

Howard Lune, Associate Professor, Sociology; AB Harvard, MS, MA, PhD NYU

Joong Oh, Associate Professor, Sociology; BA Puson National Univ. (Korea), MA, PhD South Carolina

CalvinJohn Smiley, Assistant Professor, Sociology; BA, MA Lehigh, PhD CUNY

Michaela Soyer, Assistant Professor, Sociology; BA University of Applied Arts and Sciences (Hannover, Germany), MA Hebrew University, PhD University of Chicago

Pamela Stone, Associate Professor, Sociology; BA Duke, MA, PhD Johns Hopkins

Peter S. Tuckel, Professor, Sociology; BA Clark, MA, PhD NYU

Michael Wood, Associate Professor, Sociology; BA Florida Atlantic, PhD Texas
Emeriti Professors

Charles St. Clair Green
Manfred P. Kuechler
Claus Mueller
Robert Perinbanayagam
Jan Poppendieck

\section*{Return to the Department of Sociology}

\section*{Special Admissions Programs and Categories for Freshmen}

\section*{CUNY Macaulay Honors College at Hunter College}

The Macaulay Honors College at Hunter College attracts students with outstanding academic records who seek intellectual challenges in a supportive environment. Using the undergraduate online application available through the CUNY Web site (www.cuny.edu/apply), students select the Macaulay Honors College and then indicate Hunter College as their desired campus.

A student must enter the Macaulay Honors College as a first semester freshman and may seek admission for the following fall. The application deadline is December 1. For more information on the Macaulay Honors College at Hunter College inquire at the Honors College Office, Room 140 Hunter North, (212) 650-3556.

\section*{Early Admission}

Students with superior high school records may apply for admission to the college upon completion of the third year of high school. An interview with the Admissions Committee is required, as well as a high school average of at least \(90 \%\), minimum SAT scores of 600 critical reading and 600 math and three high school recommendations. Students are admitted only in the fall semester. Applications must be filed directly with the Hunter Admissions Office before May 15.

ESL (English as a Second Language) Designation

Students whose secondary school education includes at least one year in a high school where a language other than English is the primary language of instruction may be designated as ESL students. ESL students who are admitted to Hunter may be permitted to register even if they received failing scores on the CUNY skills assessment tests in reading and/or writing. (A passing score on the CUNY Math Assessment Test (CMAT) is required for ESL designation.

These students are tested for placement in appropriate developmental courses and receive special advisement regarding program planning. ESL students may take developmental English courses for two semesters and are permitted to enroll at Hunter for an additional two semesters before being required to pass the skills test. Additional information about placement and program planning for ESL students is available at the Office of Academic Advising.

\section*{SEEK Program (Search for Education, Elevation and Knowledge)}

SEEK is a higher education opportunity program at the senior (four year) CUNY colleges. It was established to provide comprehensive academic support to assist capable students who otherwise might not be able to attend college due to their educational and financial circumstances. Students are admitted without regard to age, sex, sexual orientation, race, disability, or creed. The SEEK Program at Hunter provides individualized educational and support services. Eligible participants receive a stipend to help defray educational expenses. Students apply for entry to the SEEK Program through the standard freshman admission process. See the Financial Aid section for additional information on requirements for admission to the SEEK Program and visit the program's website, http://www.hunter.cuny.edu/seek.

\section*{Special Appeals}

For other appeals for deviations or exemptions from other academic requirements or policies, students should confer with Academic Advising. Special appeals include appeals to follow the General Education Requirement (GER), effective Fall 2001-Spring 2013, and the Distribution Requirement, effective Fall 1986-Spring 2001, rather than the Hunter Core.
Notice! There are no appeals for Writing Intensive--'W' designated-courses. All 'W' courses must be completed at Hunter College. Note that not all sections of a course are necessarily offered with significant writing every semester. The 'W' designated courses (or specific sections thereof) for a particular semester are listed in the Schedule of Classes each semester and should appear on the syllabus. To satisfy a writing requirement, a particular section must be designated as ' W '.

\section*{Sports, Recreation and Fitness}

\author{
Hunter Athletics \\ B317 Hunter West; (212) 772-4782 \\ Hunter Athletics
}

The Hunter College Athletic program is the premier benchmark intercollegiate program in the New York Metropolitan region and City University of New York Athletic Conference (CUNYAC). With 18 sponsored men's and women's teams, the Hawks compete on the NCAA Division III level with a commitment to athletic and academic progress and development each year. Student-athletes benefit from an outstanding and supportive academic environment, highly qualified coaches and superior facilities for competition and practice. Over the last fifteen years Hunter College has won 10 CUNY Athletic Conference Commissioner's Cups, an award presented to the best athletic program in the conference. Since 1990, Hunter Athletics has also won 125 CUNYAC Championships, joining a dozen other athletic programs to reach the 100 championship pinnacle. The athletic program also maintains an impressive average GPA of higher than a 3.0 among student athletes each year. Furthermore, \(60 \%\) of student-athletes boast a 3.0 GPA or better.

Hunter College offers a multi-million dollar athletics facility which is equipped with "state of the art" renovated competition and practice gymnasiums, wrestling room, fencing/yoga room, men's and women's locker rooms, swimming pool, athletic training room, state-of-the-art weight room, racquetball courts and the smart classroom for student use. The Brookdale campus also houses a swimming pool, weight room, gymnasium, tennis courts and bowling alley for official athletic and recreation use. For more information on the Hunter Athletic program, log onto www.huntercollegeathletics.com or call 212-772-4782.

Women's sports include basketball, cross country, fencing, indoor track, outdoor track, softball, swimming, tennis and volleyball. Men's sports include basketball, cross country, fencing, indoor track, outdoor track, soccer, tennis, volleyball and wrestling.

\section*{Student Eligibility}

To be eligible for federal and state aid, a student must be a United States citizen or an eligible non-citizen who is making satisfactory academic progress toward a degree. Students who have defaulted on a loan or owe a repayment of a federal grant at any post-secondary school must make satisfactory repayment arrangements with that institution before they will be eligible to receive aid at Hunter College.

\section*{Satisfactory Academic Progress}

All financial aid recipients must be making satisfactory progress toward a degree. There are two different formulas used to make this determination, one for state aid and another for federal aid.

\section*{State Program Eligibility}

To receive assistance from the Tuition Assistance Program (TAP) and the Aid for Part-time Study (APTS) Program, students must complete a minimum number of credits the prior semester, complete the appropriate number of cumulative credits and have the appropriate grade point average at the beginning of each semester of state-supported study. The chart below outlines these requirements. For example, to receive the fifth payment of TAP, a student would have to have completed 9 credits the prior semester for a total of at least 31 cumulative credits with a minimum grade point average of 2.00 .

\section*{Waiver of Academic Standing Requirements}

Students who become academically ineligible to receive assistance from State programs because of an unusual circumstance for which documentation can be provided (e.g., illness) may apply for a onetime waiver of the Satisfactory Academic Progress requirements. For further information, contact the Financial Aid Office at (212) 7724882.

To qualify for a New York State Tuition Assistance Program (TAP) award, undergraduate students must meet the applicable New York State Satisfactory Academic Progress (SAP) standards. Students are evaluated based on when they received their first TAP payment and whether or not they are in a remedial program. The following charts explain the New York State Education Department guidelines which detail the SAP standards a student must meet to be certified for each TAP payment.

\section*{The following TAP Academic Progress and Program Pursuit charts are for undergraduate students}

To qualify for a New York State Tuition Assistance Program (TAP) award, undergraduate students must meet the applicable New York State Satisfactory Academic Progress (SAP) standards. Students are evaluated based on when they received their first TAP payment and whether or not they are in a remedial program. The following charts explain the New York State Education Department guidelines which detail the SAP standards a student must meet to be certified for each TAP payment.

The Hunter College traditional academic retention standards remain in effect and supersede any other grade point average (gpa) requirements. The following SAP standards are only used to determine TAP eligibility.

\section*{SAP Standards-First TAP Award summer 2010 and thereafter**}


2006 SAP Standards-First TAP award summer 2006 through 2010
\begin{tabular}{|l|l|l|l|l|l|l|l|l|l|l|l|l|}
\hline TAP Payment \\
Requirements & \(\mathbf{1}\) & \(\mathbf{2}\) & \(\mathbf{3}\) & \(\mathbf{4}\) & \(\mathbf{5}\) & \(\mathbf{6}\) & \(\mathbf{7}\) & \(\mathbf{8}\) & \(\mathbf{9 *}\) & \(\mathbf{1 0 *}\) \\
\hline Program Pursuit Standards \\
The number of credits that must be completed in the previous payment semester & & 6 & 6 & 6 & 9 & 9 & 12 & 12 & 12 & 12 & 12 \\
\hline Academic Progress Standards \\
The number of credits that must be accrued by the previous payment semester. & & & 3 & 9 & 21 & 33 & 45 & 60 & 75 & 90 & 105 \\
\hline Grade Point Average (GPA) \\
The minimum cumulative gpa that must be attained by the previous payment \\
semester. & & & & & & & & & & \\
\hline
\end{tabular}
*SEEK students are eligible for 10 semesters while all other qualified undergraduate students are eligible for 8 semesters.
**SEEK students are considered remedial and will be evaluated against the 2006 SAP Standards chart.

1981 SAP Standards-First TAP award before summer 2006
\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \begin{tabular}{l}
TAP \\
Payment Requirements
\end{tabular} & & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9* & 10* \\
\hline \begin{tabular}{l}
Program Pursuit \\
Standards \\
The number of credits that must be completed in the previous payment semester.
\end{tabular} & 0 & 6 & 6 & 9 & 9 & 12 & 12 & 12 & 12 & 12 \\
\hline \begin{tabular}{l}
Academic Progress Standards \\
The number of credits that must be accrued by the previous payment semester.
\end{tabular} & 0 & 0 & 6 & 18 & 31 & 45 & 60 & 75 & 90 & 105 \\
\hline \begin{tabular}{l}
Grade Point Average (GPA) \\
The minimum cumulative gpa that must be attained by the previous payment semester.
\end{tabular} & 0 & 0 & 1.0 & 1.2 & 2.0 & 2.0 & 2.0 & 2.0 & 2.0 & 2.0 \\
\hline
\end{tabular}

\section*{C Average Requirement for State Funded Student Financial Aid Eligibility Effective Fall 1996}

Effective with the 1996-97 academic year, Education Law section 661 requires that a student have at least a cumulative C average ( 2.0 on a 4.0 scale, or the equivalent) after the student has completed the second academic year of study. In practice, this requirement is interpreted to mean that a student must have a C average or better after the student has accumulated 24 payment points (received 4 semester payments or the equivalent) to be eligible for further awards. In other words, a student seeking a fifth semester award payment must have a C average.

\section*{Transfer Students}

Institutions generally accept transfer courses in which grades of C or better were earned. Therefore, students with transferable credits who have already received four semester payments are presumed to meet the C average requirement and are eligible for the initial term at the new institution.

To determine the eligibility of transfer students, an institution may elect to include, for financial aid purposes, the grades earned for courses accepted in transfer providing this policy is applied to all financial aid applicants.

\section*{Readmitted Students}

A student readmitted to an institution attended previously who has received two or more years of award payments must have a C average or better to receive further State student aid. The student's cumulative grade point average would be based on prior grades earned at the institution.

\section*{New Course Repeat Rule for NY State Financial Aid}

As of May 1987, if a student repeats a course in which a passing grade acceptable to the institution has already been received, the course cannot be included as part of the student's minimum full time or part-time course load for State financial aid purposes. When such courses are included in meeting the minimum requirement, they render the student ineligible for a State award. In the following instances, repeated courses may count toward full-time or part-time study: (1) when a failed course is repeated; (2) when a grade received is passing at the institution but is unacceptable in a particular curriculum; and (3) when a course may be repeated and credit earned each time.

A student who earned a passing grade in a course but wishes to repeat the course in the hopes of improving the grade and overall grade point average cannot count the repeated course as part of the minimum course load.

\section*{Notice to students changing their enrollment status or withdrawing from classes:}

If you change your enrollment status or withdraw from classes, your financial aid may be affected. Each financial aid program is different. Please obtain an Application to Withdraw form from the OneStop, Room 217 Hunter North and read it before withdrawing from class(es).

\section*{Federal Program Eligibility}

The federal Satisfactory Academic Progress standard applies to students seeking assistance from all federal student financial aid programs available at Hunter College. To be eligible for federal aid, an undergraduate student must achieve at least the GPA required for probationary status at Hunter after two years of enrollment at the college; at least a C average or academic standing consistent with the requirements for graduation; and must also accumulate credits toward the degree according to the following standards:
- Attempted credits are not more than \(150 \%\) of the credits normally required for completion of the degree.

\section*{- and -}
- Accumulated credits are equal to or greater than two-thirds of the cumulative credits attempted at the institution.
- If the standard in paragraph B is not met, eligibility may be retained by meeting conditional standards:
- For students who are pursuing a baccalaureate degree, the accumulated credits must be equal to or greater than ( 75 percent times the cumulative credits attempted) minus 18.
Students will be measured against the satisfactory academic progress standard at the end of the spring term to determine eligibility for receipt of Title IV student financial assistance for the upcoming year.

This chart would be used by a student pursuing a BA degree requiring 126 credits. In this example, if you have attempted 36 credits, you must successfully complete at least 24 credits.

\section*{Student Life: Clubs, Organizations and Student Activities}

Student life at Hunter is enriched by a wide array of organizations and clubs - approximately 130 in number - which provide opportunities for participation in academic, political, recreational, ethnic, religious and social activities. Student organizations sponsor events and activities, which include hosting guest speakers, concerts, movies, attending conferences, assisting charities and social gatherings. All student clubs and publications are administered by the membership through their elected officers. Students are encouraged to join and become active in at least one organization so they have an opportunity to meet other students and develop interpersonal, leadership and managerial skills.

The Office of Student Activities, a unit of the Office of Student Affairs, encourages student involvement and supports clubs and organizations on campus by conducting a series of student leadership colloquia and other leadership development workshops, facilitating club events and opening doors to community service opportunities.

The SA Office is also a resource for free and discount tickets to theater, concerts and other performances. A complete listing of student organizations and additional information regarding student activities can be obtained by visiting the Office of Student Activities, Room C001 Hunter North or call (212) 772-4908.

\section*{Study Abroad Grading}

Grades for courses taken by Hunter College students through the Education Abroad office that are not taught by Hunter faculty will appear in the "Comments" section of the official Hunter College transcript. These grades will not be included in the calculation of the student's Grade Point Average.

Grades for courses taken by Hunter College students through the Education Abroad office will not be calculated into their Hunter College GPA. Exceptions include Education Abroad courses taken through other CUNY colleges. For more information, visit the Education Abroad web page at http://www.hunter.cuny.edu/educationabroad

\section*{Subsequent Action}

Following the completion of these procedures, the appropriate college official shall decide the appropriate action, if any, to take. For example, the department chairperson may decide to place a report in the faculty member's personnel file or the president may bring disciplinary charges against the faculty member. Disciplinary charges may also be brought in extremely serious cases even though the college has not completed the entire investigative process described above; in that case, the bringing of disciplinary charges shall automatically suspend that process. Any action taken by a college must comply with the bylaws of the university and the collective bargaining agreement between the university and the Professional Staff Congress.

\section*{Suspension of Classes}

Announcements concerning emergency suspension of classes will be made on the following radio stations:

WINS 1010 AM

WADO 1280 AM (Spanish-speaking)
WCBS 880 AM and 101.1 FM

WBLS 107.5 FM

WLIB 1140 AM

Additionally, announcements will be posted on the Hunter College Web site at http://www.hunter.cuny.edu.

\section*{Testing Requirements}

\section*{CUNY Assessment Test (CAT)}

\section*{Degree Students}

Degree seeking students enrolling at Hunter College must demonstrate proficiency in reading, writing and mathematics at the time of application, as outlined by the City University of New York. Students can demonstrate that they meet the CUNY proficiency skills requirements in reading, writing and mathematics based on SAT, ACT, or NY State Regents test scores. Students may also demonstrate CUNY proficiency requirements based on a bachelor's degree or higher from an accredited program that is approved by the Office of Admissions. Otherwise, students must take the appropriate CUNY Assessment Test to demonstrate proficiency requirements.

Students may demonstrate proficiency in reading and writing based on the following SAT, ACT, or NY State Regents test scores:

\section*{Reading and Writing}

Students are considered proficient in reading and writing if they provide official documentation on any one of the following:
- SAT I Verbal score of 480 or higher or Critical Reading score of 480 or higher
- ACT English score of 20 or higher
- NY State English Language (ELA) score of 75 or higher

Students may demonstrate proficiency in reading and writing based on the following CUNY Assessment Test scores:
- Reading: a score of 70 or higher.
- Writing: a score of 56 or higher.

To be eligible to register for the first college-level composition course, students must be proficient in both reading and writing.

In addition, transfer students from outside of CUNY may demonstrate that they meet the City University of New York's proficiency requirement in reading and writing by documenting successful completion of a 3-credit college-level English course with a grade of C or better from an accredited college or university. Transfer students from another CUNY college may demonstrate that they meet the City University of New York's proficiency requirement in reading and writing by documenting successful completion of a 3-credit college-level English course with a grade of C or better from a CUNY college.

Students may demonstrate proficiency in mathematics based on the following SAT, ACT, or NY State Regents test scores:

\section*{Mathematics}

Students are considered proficient in mathematics if they provide official documentation on any one of the following:
- SAT Math score of 500 or higher
- ACT Math score of 21 or higher
- NY State Regents score of 70 or higher in Algebra I and successful completion of Algebra II/trigonometry or higher-level course.
- NY State Regents score of 80 or higher in Integrated Algebra, Geometry, OR Algebra 2/Trigonometry AND successful completion of the Algebra 2/Trigonometry or a higher-level course.
- Math A or Math B, Sequential II or III NY State Regents score of 75 or higher

Students may demonstrate proficiency in mathematics based on the following CUNY Assessment Test score:
Algebra (M2) score of 40 or higher
In addition, transfer students from outside of CUNY can demonstrate that they meet the CUNY math proficiency requirement by documenting successful completion of a 3 credit college-level math course with a grade of C or better from an accredited college or university. Transfer students from another CUNY college can demonstrate that they meet the CUNY mathematics proficiency requirement by documenting successful completion of Elementary Algebra or a 3 credit college-level math course at a CUNY college.

\section*{Nondegree Students}

Non-degree students may attempt up to 12 credits at Hunter College without demonstrating the CUNY proficiency requirements unless it is required for a particular course. Non-degree students are required to demonstrate CUNY proficiency requirements once 12 credits have been attempted; non-degree students must demonstrate proficiency requirements based on the same criteria set forth for Degree Students. Non-degree students who fail to demonstrate the CUNY proficiency requirements and who take and fail any part of the CUNY Assessment Tests before reaching the 12credit limit will not be permitted to enroll in additional courses at Hunter College until they have met CUNY proficiency requirements as transfer students.

\section*{Mathematics Placement Test}

The Mathematics Placement Test is an untimed, multiple choice, computer-based test composed of four sections: PreAlgebra, Algebra, College Algebra and Trigonometry. Starting with algebra, the test covers progressively advanced topics with placement into more advanced mathematics or mathematics-related courses. Students must take the Math Placement Test before they may register for math, science and certain liberal arts courses at Hunter College. SAT, ACT and New York State Regents test scores do not exempt a student from this test. Test results will be used to place students appropriately in coursework at Hunter College. The exam does not affect acceptance to Hunter College. Students may only take this exam one time throughout the City University of New York (CUNY).

The CUNY Assessment Test (CAT) and Mathematics Placement Test are administered in the Hunter College Testing Center, Room 150 Hunter North. Visit the Hunter College Testing Center's website at https://www.hunter.cuny.edu/testingcenter for sample questions, related information, as well as available dates and times to take examinations. Inquires pertaining to testing at Hunter College may be addressed by calling the Testing Center at 212-772-4868 or sending an email to testing@hunter.cuny.edu.

\section*{The Academic Program}

The Bachelor of Arts (BA) degree encompasses sciences, humanities and the arts and the social sciences. BA programs prepare students for positions in profit, nonprofit and government organizations as well as for graduate programs.

The Bachelor of Science (BS) degree programs provides training for a particular career and are therefore considered professional degrees.

The Bachelor of Fine Arts (BFA) degree is a concentration in art for highly qualified students. The Studio Art BFA is described in detail in the section devoted to the Art and Art History Department.

The Bachelor of Music (BMus) degree is designed for students who intend to perform professionally or to teach the performance of music. The Music - BMus program is described in detail in the section devoted to the Music Department.

The Bachelors/Masters degree programs are designed for highly qualified students in particular areas of study; they enable full-time students to complete both the bachelor's and master's degrees in 4-5 years. Students in combined programs will pay undergraduate tuition rates up to the number of credits required to earn a baccalaureate degree (120 credits]. Any credits taken toward the combined degree after 120 credits are charged at the graduate tuition rate. Some programs offer teacher certification at the master's level.

See Section IX: Programs of Study for a list of programs
The CUNY (City University of New York) Baccalaureate degree is a university-wide program. This degree, awarded by CUNY rather than by a specific undergraduate CUNY college, may be a BS or BA degree and is intended for students who have well formulated individual academic and career goals. Students who are accepted work out their programs with a faculty committee of their choice that is willing to support the student's plan of study. Students pursue their studies at one or more colleges in CUNY, according to their interests. Students must complete at least 15 but not more than 90 credits to be considered for admission to this program. Further information can be obtained from the CUNY/BA adviser in the The Office of Advising, Room 1119 East Building.

\section*{The Center for Puerto Rican Studies}

\section*{(Centro de Estudios Puertorriqueños)}

Administrative Office: 1429 Hunter East; (212) 772-5688
Director: Edwin Meléndez, Ph.D.
https://centropr.hunter.cuny.edu/

\section*{Centro Library and Archives}

The Louis and Samuel J. Silberman School of Social Work
2180 Third Avenue and 119th Street, Room 121; (212) 396-7876
Associate Director of the Library and Archives: Alberto Hernández Banuchi
The Centro de Estudios Puertorriqueños/Center for Puerto Rican Studies (Centro) is a university-based research institute whose mission consists of two components. One is to collect, preserve and provide access to archival and library resources documenting the history and culture of Puerto Ricans. The other is to produce, facilitate and disseminate interdisciplinary research about the diasporic experiences of Puerto Ricans and to link this scholarly inquiry to social action and policy debates. To complement these core activities, Centro sponsors a year round program of educational and cultural activities.

History Founded in 1973 by a coalition of faculty, students and community leaders, Centro seeks to achieve its mission by working closely with a network of education, research, archival, advocacy and community-based partners. Centro
has been housed at Hunter College since 1983; however, it is a CUNY-wide research center. Centro staff guide and mentor Latino and other students, assist and advise community organizations and other research institutions and serve on local, national and international committees concerned with issues of social, economic, educational and cultural policy. In addition, CUNY faculty and staff with interests in Puerto Rican and Latino studies are invited to affiliate with Centro, where they utilize its extensive resources. Centro has been a founding member of the Inter-University Program for Latino Research (IUPLR) since 1989. The IUPLR, currently composed of 23 affiliate centers, is the most extensive consortium of Latino research centers in the United States.

Research Program As a university-based Puerto Rican research center, Centro staff and researchers are interested in a comprehensive understanding of the Puerto Rican diasporic experience in the U.S. and in relevant socioeconomic and historical aspects regarding Puerto Rico. Given its history and role within CUNY, the Centro is particularly interested in New York's Puerto Rican and ethnic communities. The following are research areas of current interest and attention in the Centro: history and political economy, migration, race, class, gender and sexuality, education, community development, political and human rights, public policy and political participation and cultural and literary studies. This list reflects the current combination of staff strengths and expertise, as well as the academic, community and policy networks the Centro has developed. Given the changing needs in Puerto Rican communities, in academia and in the Centro's staff, the areas of current interest are reviewed periodically.

The Centro Research Exchange program promotes institutional, faculty and student intellectual and scientific exchange with stateside academic institutions and in Puerto Rico and the Caribbean. Since its inception the program has focused on strengthening institutional links between the City University of New York and stateside higher education and research institutions through academic and cultural exchanges and scholarly collaboration. Centro has sponsored numerous resident scholars, including theses and dissertation, post-doctoral and junior faculty fellows. The Centro Research Exchange Program has facilitated research and other academic/cultural activities for more than three hundred faculty and students.

Library and Archives The Centro Library and Archives is devoted to collecting, preserving and providing access to resources documenting the history and culture of Puerto Ricans. Now in its new facilities at the Lois V. and Samuel J. Silberman Building in East Harlem, the collections include books, newspapers, periodicals, audio and video tapes, manuscripts, photographs, prints and recorded music. The Library and Archives provides services and programs to the scholarly community as well as the general public. It facilitates access to its holdings through mail and telephone services, City University's online public catalog CUNY + , participation in national computerized databases and through the publication of finding aids. The Llibrary and Archives promote the study of Puerto Rican history and culture through exhibitions and other public programs.

The Library and Archives collects, preserves and makes available for research unique primary materials that document the history and culture of the Puerto Rican diaspora with a concentration on New York City. The holdings include personal papers, records of organizations and institutions, photographic collections, broadsides, programs and ephemera. Among the collections are the records of civil rights organizations, the papers of activists, writers, artists, scholars, educators and elected officials. A highlight of the holdings is the extensive records of the offices of the Government of Puerto Rico in the U.S. Special features of the Archives include its photographic holdings, art prints/posters by artists from New York and Puerto Rico and sound recordings of Puerto Rican popular music. Finding aids and guides are available for processed collections and are online on the Centro Web site.

Publications A major accomplishment in Centro Publications is the launch of our academic press in 2013 with the publication of two books: The Stories That I Read to the Children: The Life and Writing of Pura Belpré, The Legendary Storyteller, Children's Author, and New York Public Librarian, by Lisa Sánchez González, and the memoirs of Gilberto Gerena Valentín, Soy Gilberto Gerena Valentín: memorias de un puertorriqueño en Nueva York. (While this first edition of the Gerena Valentín book is in Spanish, we are in the process of having it translated so as to publish it in English.) Both books are currently available for purchase directly from our office or ordered online on our website.Through Centro Publications, our mission is to expand the products that we are producing and, through wider variety and broader distribution of our publications, reach and influence a larger audience concerned with the Puerto Rican diaspora and its place in the context of society at large. Centro plans to produce readers, coffee-table books, art reproductions and other publications on the Puerto Rican experience.

The CENTRO Journal, founded in 1987, is one of the Centro's most important links to the public. A multidisciplinary, bilingual, refereed publication that welcomes scholarly articles in the humanities and the social and natural sciences, as well as interpretive essays, interviews, fiction, reviews and art,the Journal reflects developments in the field of Puerto Rican studies. Although primarily an academic publication directed at disseminating the body of scholarship on Puerto Rico and Puerto Ricans, the Journal retains elements of its earlier incarnation, publishing work in a variety of formats. The journal encourages a dialogue that compares Puerto Ricans with other ethnic groups, particularly other Latinos and African Americans. The Journal is available by subscription directly from our office or it may be ordered via our website.

Voices is the e-magazine of the Center for Puerto Rican Studies. A web-based platform at https://centropr.hunter.cuny.edu/centrovoices, Voices' goal is to disseminate scholarly contributions about the Puerto Rican experiences in the United States to a general public. It encourages interactions among academics, our community and the general public.

Education Centro's education programs seek to develop curricula and pedagogies that motivate Hunter, CUNY and other students, as well as teachers, to become involved in Puerto Rican Studies, provide the necessary supports for success, and encourage a sense of service toward others. Centro has created several educational products to support historical preservation. To help promote these products, Centro has produced three brochures describing the exhibition materials available to groups and schools. The brochures describe the exhibits, films and posters, which are primarily to be used as instructional material. But they also can be used in semi-public spaces by local organizations to increase their visibility in their own communities. The brochures include:

Centro Traveling Exhibits This brochure is an eight pager describing nine eye-opening stand-alone exhibits that can add interest to local events. The exhibits are particularly appropriate for use by schools and Latino organizations as stand-alone exhibitions or as an engine for a roundtable or panel discussion. The displays, which are easy to set up, highlight stateside Puerto Ricans who have made a difference in the arts, government, religion and politics or to illuminate historic events or movements. The Centro Traveling Exhibits include: The Legacy of Pentecostal Minister Reverend Manuel Tomás Sanchez, a pioneer Pentecostal pastor; Carlos Arroyo: Mr. Cha Cha Taps, the life of this noted dancer; Orgullo in Organizing: Puerto Rican Workers; Their History and Legacy, 1930-2010, traces Puerto Rican participation in organized labor; Luis Muñoz Marín: The New York Years, 1927-1928, recognizes Muñoz Marín's work when living in the United States. Also included are two forthcoming exhibits, one on A Revolt through Letters: Clemente Soto Vélez, that explores the life of this controversial leader and the other on The National Puerto Rican Day Parade, which looks into its roots and amazing growth.

Centro Film Festival A four pager describing six documentaries that schools and organizations can combine into a create-your-own film festival or use individually to enhance other programming. They include: Pura Belpré: Storyteller about the folklorist and librarian; The Legacy of Frank Bonilla who was Centro's founder; Martorell: De Aqui, Pa'lla on artist Antonio Martorell and his exhibit for the New-York Historical Society; A Revolt through Letters: Clemente Soto Vélez explores the life of this controversial leader; and María Dominquez, Education and Enrichment through Community Murals, which is part of Centro's Arts in Education Outreach, looks at Dominquez's work on a community mural with students from East Harlem. The last is Plena Is Work, Plena Is Song, an examination of this important musical tradition.
Puerto Rican Heritage Poster Series
This colorfully illustrated brochure describes each of eight posters documenting the long history of the Puerto Rican migration, from its cultural roots through contemporary times. This series is especially suited for in-school use and can easily integrated into the curriculum.
Part I. covers Puerto Rican cultural roots from 1200 to the late 1700 s and the early migration the mainland, 1815 to 1897. Part II. covers the migration from 1898 to the 1930s; Part III. takes us through the Great Migrations (1940s to 1960s); Parts IV. looks into stateside struggle for equality and recognition; and Part V. covers education struggles, institution building and "new traditions." Finally, there are three posters using maps to illustrate demographic migration patterns and population centers.

Conferences and Seminars As part of our educational initiatives, Centro regularly sponsors conferences and seminars that highlight the Puerto Rican experience. Our recent conferences and seminars have included:

Video Conference III : Digital Resources in Puerto Rico Centro presented another historic series of video conferences designed to acquaint researchers, students, teachers, other scholars and librarians with available resources - particularly digitized options - on the history of the Puerto Rican migration. This conference, produced in partnership with other academic institutions in the United States and Puerto Rico, was designed to acquaint statesiders with resources at various University of Puerto Rico campuses.

Video Conference IV. : Posters, Part Part II.: Teaching and Learning about Puerto Ricans in the United States Centro capped off its video series with a second conference highlighting our series of eight posters depicting the history of the relationship between the island and the U.S. The posters reflect some of the key struggles and accomplishments that characterize the Puerto Rican Civil Rights Movement, as well as its most prominent leaders and its expansion in alliance with African American and other human rights movements. Other posters spotlight educational struggles, the institutions Puerto Ricans built on the mainland and some of the "new traditions" inspired by the emigrants. It also includes a timeline and two maps, one reflecting the Taíno, African and Spanish roots of Puerto Ricans, the other illustrating the Puerto Rican migrations to the United States and the Caribbean.

Research Seminars I and II To highlight current Centro research, we hosted a two-part seminar examining the impact of the recession and the current state of the Puerto Rican population living in the United States. At the first seminar titled "Demographics and Social Conditions of Puerto Ricans in the United States," researchers focused on Puerto Rican settlements in the South. The second seminar highlighted jobs and education of Puerto Ricans in the United States.

Events Centro sponsors cultural and educational activities that contribute to the study and interpretation of the Puerto Rican experience in the United States. We give priority to activities that support teaching and learning Puerto Rican Studies, develop and promote our archival collections, and that are useful to those in community organizations, public policy, and academia. Our speaker forums focus on scholarship in the social sciences, humanities, and performance arts.

For more information on current programs, events and other activities, please visit http://centropr.hunter.cuny.edu.

\section*{The Center for Study of Gene Structure and Function}

\section*{315 Hunter North; http://ctbr.hunter.cuny.edu/ \\ (212) 650-3957}

The Center for Study of Gene Structure and Function (Gene Center) was established in 1985. It is a consortium comprised of 53 research faculty who are biologists, chemists, psychologists, physicists as well as a bio-anthropologist and an urban public health scientist. The Gene Center now has a designated cohort of 19 biomedical researchers who focus on increasing the translational/clinical potential of their research in cancer, mental health, and community engagement to help reduce health disparities. The remaining members pursue broader biomedical research goals. The Gene Center is a founding partner with the Clinical and Translational Science Center, a multi-institutional research consortium headquartered at Weill Cornell Medical College. The Gene Center is supported by a major grant from the Research Centers in Minority Institutions Program of the National Institute on Minority Health and Health Disparities (formerly from the National Center for Research Resources), an agency of the National Institutes of Health. The City University of New York and Hunter College provide institutional support to the Gene Center.

The Gene Center primarily supports research in the following three core areas:
Cancer, including detection and therapeutics innovation in treatment for prostate and breast cancers
Neurobiology/behavior, including addiction and neuroprotection as well as diagnosis of stress disorders
Disease Prevention using telehealth e-platforms to serve the underserved
State-of-the-art core research facilities include:

Digital Bioimaging with Confocal Microscopy
Internet2 Videocollaboration
Nanoscale Analytical
Nuclear Magnetic Resonance
The Gene Center contributes to research advances in diseases that disproportionately affect minority populations - such as stroke, drug addiction, cancer and AIDS. Gene Center scientists have received distinguished awards such as the Ameritec Prize for Paralysis Research and the Presidential Early Career Award for Scientists and Engineers for their outstanding research in these areas. A major goal is to develop outstanding faculty, postdoctoral fellows, and summer undergraduate research fellows from underrepresented groups.

\title{
The City University of New York Policy on Acceptable Use of Computer Resources
}

\section*{II. APPLICABILITY}
III. DEFINITIONS
IV. RULES FOR USE OF CUNY COMPUTER RESOURCES

\section*{I. INTRODUCTION}

CUNY's computer resources are dedicated to the support of the University's mission of education, research and public service. In furtherance of this mission, CUNY respects, upholds and endeavors to safeguard the principles of academic freedom, freedom of expression and freedom of inquiry.

CUNY recognizes that there is a concern among the University community that because information created, used, transmitted or stored in electronic form is by its nature susceptible to disclosure, invasion, loss, and similar risks, electronic communications and transactions will be particularly vulnerable to infringements of academic freedom. CUNY's commitment to the principles of academic freedom and freedom of expression includes electronic information. Therefore, whenever possible, CUNY will resolve doubts about the need to access CUNY Computer Resources in favor of a User's privacy interest.

However, the use of CUNY Computer Resources, including for electronic transactions and communications, like the use of other University-provided resources and activities, is subject to the requirements of legal and ethical behavior. This policy is intended to support the free exchange of ideas among members of the CUNY community and between the CUNY community and other communities, while recognizing the responsibilities and limitations associated with such exchange.

\section*{II. APPLICABILITY}

This policy applies to all Users of CUNY Computer Resources, as defined in Article III below. This policy supersedes the CUNY policy titled "CUNY Computer User Responsibilities" and any college policies that are inconsistent with this policy.

\section*{III. DEFINITIONS}
1. "CUNY Computer Resources" refers to all computer and information technology hardware, software, data, access and other resources owned, operated, or contracted by CUNY. This includes, but is not limited to, desktop and laptop computers, handheld devices that allow or are capable of storing and transmitting information (e.g., cell phones, tablets), mainframes, minicomputers, servers, network facilities, databases, memory, memory sticks, and associated peripherals and software, and the applications they support, such as e-mail, cloud computing applications, and access to the internet.
2. "E-mail" includes point-to-point messages, postings to newsgroups and listservs, and other electronic messages involving computers and computer networks.
3. "Faculty" includes full-time, part-time, and adjunct faculty.
4. "FOIL" is the New York State Freedom of Information Law.
5. "Non-Public University Information" has the meaning set forth in CUNY's IT Security Policies and Procedures found at security.cuny.edu, namely: personally identifiable information (such as an individual's Social Security Number; driver's license number or non-driver identification card number; account number, credit or debit card number, in combination with any required security code, access code, or password that would permit access to an individual's financial account; personal electronic mail address; Internet identification name or password; and parent's surname prior to marriage); information in student education records that is protected under the Family Educational Rights and Privacy Act of 1974 (FERPA) and the related regulations set forth in 34 CFR Part 99; other information relating to the administrative, business, and academic activities and operations of the University (including employee evaluations, employee home addresses and telephone numbers, and other employee records that should be treated
confidentially); and any other information available in University files and systems that by its nature should be treated confidentially .
6. "User" means a user of CUNY Computer Resources, including all current and former users, whether affiliated with CUNY or not, and whether accessing those resources on a CUNY campus or remotely.

\section*{IV. RULES FOR USE OF CUNY COMPUTER RESOURCES}

\section*{1. Authorization.}
a. Users may not access a CUNY Computer Resource without authorization or use it for purposes beyond the scope of authorization. This includes attempting to circumvent CUNY Computer Resource system protection facilities by hacking, cracking or similar activities, accessing or using another person's computer account, and allowing another person to access or use the User's account.
b. Notwithstanding subsection 1.a. above, a User may authorize a colleague or clerical assistant to access information under the User's account on the User's behalf while away from a CUNY campus or when the User is unable to efficiently access the information on the User's own behalf (including as a result of a disability), but delegated access will be subject to the rules of Section 10 - Security, below.
c. CUNY Computer Resources may not be used to gain unauthorized access to another computer system within or outside of CUNY. Users are responsible for all actions performed from their computer account that they permitted or failed to prevent by following ordinary security precautions. CUNY advisories and resources are available at security.cuny.edu.
2. Purpose.
a. Use of CUNY Computer Resources is generally limited to activities relating to the performance by CUNY employees of their duties and responsibilities, by students in connection with their college courses and activities, and by retired CUNY teaching faculty, librarians, and other retired employees approved by the college president or where the employee is a member of the Central Office staff then by the Chancellor or his or her designee. For example, use of

CUNY Computer Resources for private commercial or not-for-profit business purposes, for private advertising of products or services, or for any activity meant solely to foster personal gain, is prohibited. Similarly, use of CUNY Computer Resources for partisan political activity is also prohibited.
b. Except with respect to CUNY employees other than faculty, where a supervisor has prohibited it in writing, incidental personal use of CUNY Computer Resources is permitted so long as such use does not interfere with CUNY operations, does not compromise the functioning of CUNY Computer Resources, does not interfere with the User's employment or other obligations to CUNY, and is otherwise in compliance with this policy, including subsection 2.a. above. Users should be aware that personal messages, data and other information sent or received through a User's CUNY account or otherwise residing in a CUNY Computer Resource are subject to CUNY review pursuant to Section 13 of this policy and may also be subject to public disclosure pursuant to FOIL.
3. Compliance with Law.
a. CUNY Computer Resources may not be used for any purpose or in any manner that violates CUNY rules, regulations or policies, or federal, state or local law. Users who engage in electronic communications with persons in other states or countries or on other systems or networks may also be subject to the laws of those other states and countries, and the rules and policies of those other systems and networks. Users are responsible for ascertaining, understanding, and complying with the laws, rules, policies, contracts, and licenses applicable to their particular use.
b. Examples of applicable federal and state laws include those addressing defamation, invasion of privacy, obscenity and child pornography, and online gambling, as well as the following:

Computer Fraud and Abuse Act
Copyright Act of 1976
Electronic Communications Privacy Act
Export control regulations issued by the U.S. Departments of Commerce, State and Treasury
Family Educational Rights and Privacy Act
FOIL
New York State Law with respect to the confidentiality of library records
c. Examples of applicable CUNY rules and policies include those listed below.

Other rules and policies may be found in the Manual of General Policy and on the CUNY Legal Affairs website:
Gramm-Leach-Bliley Information Security Program
IT Security Policies \& Procedures
Policy on Maintenance of Public Order (the "Henderson Rules")
Sexual Harassment Policy
University Policy on Academic Integrity
Web Site Privacy Policy
4. Licenses and Intellectual Property.
a. Users may use only legally obtained, licensed data or software and must comply with applicable licenses or other contracts, as well as copyright, trademark and other intellectual property laws.
b. Much of what appears on the internet and/or is distributed via electronic communication is protected by copyright law, regardless of whether the copyright is expressly noted. Users should generally assume that material is copyrighted unless they know otherwise, and not copy, download or distribute copyrighted material without permission unless the use does not exceed fair use as defined by the federal Copyright Act of 1976. Protected material may include, among other things, text, photographs, audio, video, graphic illustrations, and computer software. Additional information regarding copyright and file sharing is available on the CUNY Legal Affairs website.
5. False Identity and Harassment. Users may not employ a false identity, mask the identity of an account or computer, or use CUNY Computer Resources to engage in abuse of others, such as sending harassing, obscene, threatening, abusive, deceptive, or anonymous messages within or outside CUNY.
6. Confidentiality.
a. Users may not invade the privacy of others by, among other things, viewing, copying, redistributing, posting such data to the Internet, modifying or destroying data or programs belonging to or containing personal or confidential information about others, without explicit permission to do so.
b. CUNY employees must take precautions by following all IT Security Policies and Procedures to protect the confidentiality of Non-Public University Information encountered in the performance of their duties or otherwise.
7. Integrity of Computer Resources. Users may not install, use or develop programs intended to infiltrate or damage a CUNY Computer Resource, or which could reasonably be expected to cause, directly or indirectly, excessive strain or theft of confidential data on any computing facility. This includes, but is not limited to, programs known as computer viruses, Trojan horses, and worms. Users should consult with the IT director at their college before installing any programs on CUNY Computer Resources that they are not sure are safe or may cause excess strain.
8. Disruptive Activities.
a. CUNY Computer Resources must not be used in a manner that could reasonably be expected to cause or does cause, directly or indirectly, unwarranted or unsolicited interference with the activity of other users, including:
i. chain letters, virus hoaxes or other e-mail transmissions that potentially disrupt normal e-mail service;
ii. spamming, junk mail or other unsolicited mail that is not related to CUNY business and is sent without a reasonable expectation that the recipient would welcome receiving it;
iii. the inclusion on e-mail lists of individuals who have not requested membership on the lists, other than the inclusion of members of the CUNY community on lists related to CUNY business; and
iv. downloading of large videos, films or similar media files for personal use. b. CUNY has the right to require Users to limit or refrain from other specific uses if, in the opinion of the IT director at the User's college, such use interferes with efficient operations of the system, subject to appeal to the President or, in the case of central office staff, to the Chancellor.

\section*{9. CUNY Names and Trademarks.}
a. CUNY names, trademarks and logos belong to the University and are protected by law. Users of CUNY Computer Resources may not state or imply that they speak on behalf of CUNY or use a CUNY name, trademark or logo without authorization to do so. Affiliation with CUNY does not, by itself, imply authorization to speak on behalf of CUNY.
b. Notwithstanding subsection 9.a. above, CUNY employees and students may indicate their CUNY affiliation on e-mail, other correspondence, and in academic or professionally-related research, publications or professional appearances, so long as they do not state or imply that they are speaking on behalf of the University.
10. Security.
a. CUNY employs various measures to protect the security of its computer resources and of Users' accounts. However, CUNY cannot guarantee such security. Users are responsible for engaging in safe computing practices such as guarding and not sharing their passwords, changing passwords regularly, logging out of systems at the end of use, and protecting Non-Public University Information, as well as for following CUNY's IT Security Policies and Procedures.
b. Users must report incidents of non-compliance with IT Security Policies and Procedures or other security incidents to the University Chief Information Officer and Chief Information Security Officer, and the Chief Information Officer at the affected User's college.
11. Filtering. CUNY reserves the right to install spam, anti-malware, and spyware filters and similar devices if necessary in the judgment of CUNY's Office of Information Technology or a college IT director to protect the security and integrity of CUNY Computer Resources. CUNY will not install filters that restrict access to e-mail, instant messaging, chat rooms or websites based solely on content, unless such content is illegal, such as child pornography sites.
12. Confidential Research Information. Principal investigators and others who use CUNY Computer Resources to collect, examine, analyze, transmit or store research information that is required by law or regulation to be held confidential or for which a promise of confidentiality has been given are responsible for taking steps to protect such confidential research information from unauthorized access or modification. In general, this means storing the information on a computer or auxiliary hard drive that provides strong access controls (passwords) and encrypting files, documents, and messages for protection
against inadvertent or unauthorized disclosure while in storage or in transit over data networks. Robust encryption and passwords must be used to protect Non-Public University Information, and is strongly recommended for information stored electronically on all computers, especially portable devices such as notebook computers, Personal Digital Assistants (PDAs), and portable data storage (e.g., auxiliary hard drives, memory sticks) that are vulnerable to theft or loss, as well as for information transmitted over public networks. Software and protocols used should be reviewed and approved by CUNY's Office of Information Technology. In addition, the steps taken to protect such confidential research information should be included in submissions to the CUNY Institutional Review Board reviewing the research protocol.

\section*{13. CUNY Access to Computer Resources.}
a. Copying. CUNY may copy a User's account and/or hard drive on a CUNY Computer Resource, without monitoring or inspecting the contents of such account and/or hard drive, at any time for preservation of data or evidence, without notice to the User.
b. General Monitoring Practices. CUNY does not routinely monitor, inspect, or disclose individual usage of CUNY Computer Resources without the User's consent. In most instances, if the University needs information located in a CUNY Computer Resource, it will simply request it from the author or custodian. However, CUNY IT professionals and staff do regularly monitor general usage patterns as part of normal system operations and maintenance and might, in connection with these duties, observe the contents of web sites, e-mail or other electronic communications. Except as provided in this policy or by law, these individuals are not permitted to seek out contents or transactional information, or disclose or otherwise use what they have observed. Nevertheless, because of the inherent vulnerability of computer technology to unauthorized intrusions, Users have no guarantee of privacy during any use of CUNY computer resources or in any data in them, whether or not a password or other entry identification or encryption is used. Users may expect that the privacy of their electronic communications and of any materials stored in any CUNY Computer Resource dedicated to their use will not be intruded upon by CUNY except as outlined in this policy.
c. Monitoring without Notice.
i. Categories. CUNY may specifically monitor or inspect the activity and accounts of individual users of CUNY computer resources, including individual login sessions, e-mail and other communications, without notice, in the following circumstances:
A. when the User has voluntarily made them accessible to the public, as by posting to Usenet or a web page;
B. when it is reasonably necessary to do so to protect the integrity, security, or functionality of CUNY or other computer resources, as determined by the college chief information officer or his or her designee, after consultation with CUNY's chief information officer or his or her designee;
C. when it is reasonably necessary to diagnose and resolve technical problems involving system hardware, software, or communications, as determined by the college chief information officer or his or her designee, after consultation with CUNY's chief information officer or his or her designee;
D. when it is reasonably necessary to determine whether CUNY may be vulnerable to liability, or when failure to act might result in significant bodily harm, significant property loss or damage, or loss of evidence, as determined by the college president or a vice president designated by the president or, in the case of the Central Office by the Chancellor or his or her designee, after consultation with the Office of General Counsel and the Chair of the University Faculty Senate (if a current CUNY faculty member's account or activity is involved) or Vice Chair if the Chair is unavailable;
E. when there is a reasonable basis to believe that CUNY policy or federal, state or local law has been or is being violated, as determined by the college president or a vice president designated by the president or, in the case of the Central Office by the Chancellor or his or her designee, after consultation with the Office of General Counsel and the Chair of the University Faculty Senate (if a current CUNY faculty member's account or activity is involved) or Vice Chair if the Chair is unavailable;
F. when an account appears to be engaged in unusual or unusually excessive activity, as indicated by the monitoring of general activity and usage patterns, as determined by the college president or a vice president designated by the president and the college chief information officer or his or her designee or, in the case of the Central Office by the Chancellor or his or her designee, after consultation with CUNY's chief information officer or his or her designee, the Office of General Counsel, and the Chair of the University Faculty Senate (if a current CUNY faculty member's account or activity is involved) or Vice Chair if the Chair is unavailable; or
G. as otherwise required by law.
ii. Procedures. In those situations in which the Chair of the University Faculty Senate is to be consulted prior to monitoring or inspecting an account or activity, the following procedures shall apply:
A. if the monitoring or inspection of an account or activity requires physical entry into a faculty member's office, the faculty member shall be advised prior thereto and shall be permitted to be present to observe, except where specifically forbidden by law; and
B. the college president or the Chancellor, as the case may be, shall report the completion of the monitoring or inspection to the Chair and the CUNY employee affected, who shall also be told the reason for the monitoring or inspection, except where specifically forbidden by law.
iii. Other Disclosure.
A. CUNY, in its discretion, may disclose the results of any general or individual monitoring or inspection to appropriate CUNY personnel or agents, or law enforcement or other agencies. The results may be used in college disciplinary proceedings, discovery proceedings in legal actions, or otherwise as is necessary to protect the interests of the University.
B. In addition, users should be aware that CUNY may be required to disclose to the public under FOIL communications made by means of CUNY Computer Resources whether in conjunction with University business or as incidental personal use.
C. Any disclosures of activity of accounts of individual Users to persons or entities outside of CUNY, whether discretionary or required by law, shall be approved by the General Counsel and shall be conducted in accordance with
any applicable law. Except where specifically forbidden by law, CUNY employees subject to such disclosures shall be informed promptly after the disclosure of the actions taken and the reasons for them.
iv. Annual Statement. The Office of General Counsel shall issue an annual statement of the instances of account monitoring or inspection that fall within categories D through G above. The statement shall indicate the number of such instances and the cause and result of each. No personally identifiable data shall be included in this statement.
v. Privacy Policy. See CUNY's Web Site Privacy Policy for additional information regarding data collected by CUNY from visitors to the CUNY website at www.cuny.edu.
14. Waiver of Policy
a. A CUNY employee or student may apply to the General Counsel for an exception or waiver from one or more of the provisions of this policy. Such application may be for a single use or for periodic or continuous uses, such as in connection with a course or program. Any application for a waiver should be made prior to using
the CUNY Computer Resource for the purposes described in the application. b. The written waiver application must state:
i. the policy provision or provisions for which the User is seeking a waiver;
ii. how the User plans to use CUNY Computer Resource to be covered by the waiver and the reasons why the User believes a waiver should be
approved;
iii. if the waiver involves confidential research information, what steps will be taken to protect such information;
iv. the length of time for which the waiver is being requested; and \(v\). if a student, how and by whom the student will be supervised.
c. The General Counsel shall consult with the CUNY's chief information officer and the president of the applicant's college (or, if the applicant is a Central Office employee, the Chancellor) or their designees, prior to making a determination regarding the application.
d. Users should be aware that CUNY cannot waive federal, state or local law; for example, the contents of CUNY Computer Resources (including confidential research information) may be subject to a valid subpoena regardless of the terms of any waiver.

\section*{15. Enforcement.}
a. Violation of this policy may result in suspension or termination of an individual's right of access to CUNY Computer Resources, disciplinary action by appropriate CUNY authorities, referral to law enforcement authorities for criminal prosecution, or other legal action, including action to recover civil damages and penalties.
b. Violations will normally be handled through the University disciplinary procedures applicable to the relevant User. For example, alleged violations by students will normally be investigated, and any penalties or other discipline will normally be imposed, by the Office of Student Affairs.
c. CUNY has the right to temporarily suspend computer use privileges and to remove from CUNY computer resources material it believes violates this policy, pending the outcome of an investigation of misuse or finding of violation. This power may be exercised only by the president of each college or the Chancellor.
16. Additional Rules. Additional rules, policies, guidelines and/or restrictions may be in effect for specific computers, systems, or networks, or at specific computer facilities at the discretion of the directors of those facilities. Any such rules which potentially limit the privacy or confidentiality of electronic communications or information contained in
or delivered by or over CUNY Computer Resources will be subject to the substantive and procedural safeguards provided by this policy.

\section*{17. Disclaimer.}
a. CUNY shall not be responsible for any damages, costs or other liabilities of any nature whatsoever with regard to the use of CUNY Computer Resources. This includes, but is not limited to, damages caused by unauthorized access to CUNY Computer Resources, data loss, or other damages resulting from delays, non-deliveries, or service interruptions, whether or not resulting from circumstances under the CUNY's control.
b. Users receive and use information obtained through CUNY Computer Resources at their own risk. CUNY makes no warranties (expressed or implied) with respect to the use of CUNY Computer Resources. CUNY accepts no responsibility for the content of web pages or graphics that are linked from CUNY web pages, for any advice or information received by a user through use of CUNY Computer Resources, or for any costs or charges incurred by a user as a result of seeking or accepting such advice or information.
c. CUNY reserves the right to change this policy and other related policies at any time. CUNY reserves any rights and remedies that it may have under any applicable law, rule or regulation. Nothing contained in this policy will in any way act as a waiver of such rights and remedies.

Approved by the Board of Trustees on January 29, 2007, Cal. No. 4.D., with amendments approved on June 25, 2012, Cal. No. 5.A. and June 29, 2015, Cal. No. 5.A.

\section*{The Cost of Education}

Cost must be considered when a student is making decisions about whether, where and when to attend college. A student budget is used as an estimate of the amount of money it will cost a student to attend college. The budget includes allowances for tuition, fees, books, transportation, housing, food and personal expenses. Additional allowances may be made for unusual expenses such as dependent care costs.

Student budgets are set each year by CUNY. They reflect the average expenses of all students who are living with their parents or living away from their parents. Students with disabilities should speak to a financial aid counselor about budget adjustments for their special needs.

The 2016-2017 Hunter College budgets for full-time undergraduate students who are charged the NY State resident tuition rate can be seen by logging into: www.hunter.cuny.edu/onestop.

Note: Tuition charges are estimates for full-time New York State residents based on 2016-2017 tuition charges. Actual tuition charges for New York State residents, out-of-state residents and international students for full-time and parttime study can be found at www. hunter.cuny.edu/onestop.

The Housing component of the Living Away from Parent budget is derived using average housing costs for a rental apartment in metropolitan New York and using the assumption that the student is sharing the cost of housing with a roommate. The Personal component includes an allowance for medical expenses and/or health insurance.

\section*{Student Resources}

In reviewing the student budget, a prospective student should consider the resources they will have from earnings and savings, the amount that parents can contribute and any benefits the prospective student receives, such as Social Security, veteran's benefits, unemployment or public assistance. Summer employment can help to meet the first costs of enrollment and the prospective student should plan to save money from summer earnings. Cash will be needed at the beginning of the school year for books, supplies and transportation.

\section*{Packaging}

Rather than using one source of funds to finance their education, students may receive a combination of funds from a number of programs for which they are eligible. This system for allocating aid is called packaging. Funds will be allocated first to meet the basic costs of attendance (tuition, books, transportation). If funding permits, other living expenses will then be addressed.

Applications for financial aid must be filed each year. FAFSA on the Web for the coming academic year is available starting on January 1.

\section*{Study Abroad}

Students who enroll in an overseas program of study approved by Hunter College are eligible to receive federal financial aid and, in some cases, state aid. The coursework for which they enroll must be applicable to their degree at Hunter College. Contact the Office of Programs Abroad at (212) 772-4983 for further information about study abroad.

\section*{The English Language Training Institute at Hunter College (ELT Institute)}

ELT Institute offers a wide variety of courses and services designed to train teachers of English as a second language. Through the use of multimedia, the internet, Hunter's computer labs and library, and New York City's cultural resources, instructors are trained to prepare students for their future academic, social and professional lives. For more information about the classes offered, call (212) 650-3850 or visit the continuing Education Web site at http://www.hunter.cuny.edu/eltinstitute.

\section*{The Frederick Loewe Theatre}

\author{
Ground Floor Thomas Hunter
}

The Frederick Loewe Theatre is a black-box theatre that seats an audience of 110. It has the ability to accommodate proscenium or thrust stage productions and houses most of the Department of Theatre events. Box office: (212) 7724448; administrative office:(212) 772-4227.

\section*{The Health Professions Education Center (HPEC)}

\author{
Director: Martin Dornbaum; Mezzanine floor, Brookdale West Building; (212) 481-5129, mdornbau@hunter.cuny.edu \\ Evening Supervisor: Peter Marquez; edcenter@hunter.cuny.edu \\ Website: http://www.hunter.cuny.edu/shp/centers/hpec/ \\ The center maintains regular office hours throughout the academic year, Monday-Thursday 9AM-9PM and Fridays 9AM-5PM.
}

The Health Professions Education Center (HPEC) is an academic learning center serving all students and faculty at the Hunter College Nursing and School of Health Professions. A variety of comprehensive support services and programs are offered at the HPEC to enhance student academic success, retention, and completion rates by applying best practices and addressing student learning needs from multiple pedagogical perspectives. Our services are designed to develop critical thinking, reinforce practice of clinical skills, and foster a supportive, professional environment for student collaboration and scholarship.

The HPEC combines traditional approaches to teaching with new instructional technologies that reflect the dynamic nature of all health professions. Services at the center include:
- Access to the largest collection of health-related videos and instructional media within CUNY.
- Computer-aided educational software and virtual training technologies.
- Access to state board testing preparation programs.
- Technology support at the Hunter College Brookdale Campus.
- Beta testing and evaluation of new instructional media.
- Faculty consultation for research and classroom media integration.
- Development and administration of e-learning initiatives, online testing, and digital content.
- Individual and group study support.
- Simulation laboratory support through the New York Simulation (NYSIM) Center.

Faculty and students from all Hunter College schools and departments are always welcome to view the many resources available at the HPEC.

\section*{The Hunter College Libraries}

\section*{http://library.hunter.cuny.edu}

The Hunter College Libraries are comprised of our main space, the Leon and Toby Cooperman Library along with the Zabar Art Library and our Archives and Special Collections at 68th Street, the Health Professions Library at the Brookdale Campus and the Schools of Social Work and Public Health Library at the Silberman Campus. We have open stack collections and hold over 800,000 volumes and over 1,200 print periodical subscriptions, as well as providing access to 100,000 ebooks and over 180,000 electronic periodicals. Hunter College Libraries online resources include primary sources for the past 4 centuries, science and social science datasets, streaming media and over 60,000 digital images. Our Library spaces include collaborative work areas, smaller study rooms (on a reserve basis) and many areas for quiet study. We also loan out laptops and tablets for student use. Our newly renovated main floor of the 9 -floor Cooperman Library includes an Information Commons, remote printing services, collaborative study cubicles (CoLabs), a dining area, whiteboard laminated tables, interactive wayfinding devices and a fully wired Reading Room. The main entrance to the Cooperman Library is located on the 3rd Floor of Hunter East.

\section*{The International English Language Institute (IELI)}

IELI is a noncredit, continuing-education program offering courses in English as a second language to students from all over the world. Students at the IELI actively learn and use new skills to develop their fluency, accuracy and confidence in the English language. Classes for beginner through advanced levels are taught in the morning, afternoon, evening and on weekends. Students may register for full- or part-time programs. Preparation classes for the CUNY Assessment Tests and TOEFL are available to advanced-level students. Students who present proof of successfully completing the most advanced levels of the IELI program are not required to submit TOEFL scores as a part of their admission process to Hunter and other CUNY colleges. For more information call (212) 772-4292 or visit the Continuing Education Web site at http://www.hunter.cuny.edu/ieli

\section*{The Kaye Playhouse}

\author{
The Kaye Playhouse \\ Ground Floor Hunter North \\ 68th Street, between Park \& Lexington Aves. \\ 212.772.4471 \\ 212.650.3919 Fax
}

Email: kayeinfo@hunter.cuny.edu
www.hunter.cuny.edu/kayeplayhouse/
The Kaye Playhouse at Hunter College is an inviting, fully equipped proscenium-style theatre with 624 seats, designed in an elegant 1940's Moderne style with plush seating upholstered in crimson velveteen. Dedicated in 1942 by Franklin Delano Roosevelt, the Kaye Playhouse is filled with an air of historic elegance with modern-day amenities.
The theatre continues to be home to a wide array of national and international events, including theatrical productions, dance performances, chamber music and opera, film/photo/television shoots, fashion shows, jazz concerts, lectures, corporate meetings, vocal concerts, children/s shows, and a wide range of other programming.

\section*{The Leona and Marcy Chanin Language Center}

209 HW
(212) 772-5700

The Chanin Language Center is a state-of-the-art multi-media foreign language learning and teaching facility. The Center consists of two independent study labs equipped with 66 multi-media workstations, the Cecile Insdorf Foreign Language Screening Room, and a small library where walk-in tutoring sessions take place. Students can supplement their foreign language skills from the elementary to the advanced level by working with computer applications, both on-line and in house, based on textbooks and/or student activity manuals. The Chanin Center also houses an extensive collection of foreign language films and video programs on both VHS and DVD. An audio CD home borrowing program is available to students enrolled in a foreign language course. One on one tutoring sessions in Spanish, French and Italian are available to SEEK status students on a weekly appointment basis. A 30-minute orientation session is required for all first time users. Hours and additional information can be found on our Web site: http://www.hunter.cuny.edu/chanin

\section*{The Mary P. Dolciani Mathematics Learning Center}

300 HN
(212) 772-5371
http://www.hunter.cuny.edu/dolciani

The Mary P. Dolciani Mathematics Learning Center is a multipurpose resource center, providing group tutoring, computer-assisted tutorials, and multi-media materials for students enrolled in most mathematics and statistics courses, as well as for students who need to brush up on their math/stat skills for other courses or placement or professional exams. It also provides workshops on a variety of topics to assist students in the learning of mathematics, including a specifically designed multimedia workshop to prepare students for success in MATH 10100 as well as study skills needed in mathematics. The center is open days, evenings and Saturdays, with no appointment necessary. Specific hours of operation and additional information are posted outside the center and can be found on our Web site.

\section*{The Minor}

Fulfilling the requirements for a minor is an option for students who want to document abilities in an academic field in addition to their major(s). A minor program consists of a set of courses that are defined as a minor by an academic department or program. A minor encompasses at least 12 and at most 18 credits. It is left to the decision of individual departments or programs whether they offer a set of courses leading to a minor. Interdisciplinary minors may be established between two or more departments.

In order to graduate with a minor in a specific field, a student must maintain a grade point average of at least 2.0 in the courses taken in that field. Minors require that at least one half of the credits be taken at Hunter College. Courses from the minor may be used without limit to satisfy Hunter Core Requirements as well as Writing and Pluralism \& Diversity requirements.

To declare or change a minor, a student should print a Minor Declaration Approval form at registrar.hunter.cuny.edu/subpages/forms.shtml and confer with an adviser in the minor department. In general, courses may not be shared between a major and a minor.

\title{
The Office of Academic and Student Affairs (OASA)
}

1000 West Building
(212) 772-4624
soe.oasa@hunter.cuny.edu

\author{
Christina Kim, Director of the Office of Academic and Student Affairs \\ Melissa Boronkas, Assistant Director of Graduate Student Affairs \\ Jason Riffaterre, Assistant Director of Undergraduate Student Affairs
}

The Office of Academic and Student Affairs (OASA) provides administrative services to students in the School of Education. The primary areas of service provided include: advisement; assistance with registration; graduation audit; New York State certification; and various other student services such as major declarations, and course equivalency evaluations.

The OASA staff maintains regular office hours throughout the year and is open from 10:00 AM - 6:00 PM Monday through Thursday and 10:00 AM - 4:00 PM on Fridays, whenever the college is open.

Hours may vary during the summer months, and when classes are not in session. Office hours are posted outside 1000 West Building and on the OASA website.

\title{
The Office of Advising
}

1119 East
(212) 772-4882
http://www.hunter.cuny.edu/advising

\begin{abstract}
Academic advising at Hunter College is a student-centered teaching and learning process dedicated to student success. Advising teaches students the information, skills and competencies necessary to make informed choices about their college experience. Through a variety of venues, including online orientation, individual advising, group advising, and electronic communications, advisers help students to understand academic requirements, clarify their goals, access resources and devise action plans. Realizing that connections to the Hunter community contribute to student success, Advising staff members prepare students to engage with faculty, staff and fellow students. In addition, the Office of Advising provides additional resources including small group registration and special programming for first year students, the Peer Advisor Network, Project Success, Student Veteran Services, and the Sylvia E. Fishman Student Center.
\end{abstract}

\section*{The Office of Clinical Experiences}

The School of Education's Office of Clinical Experiences (OCE) is responsible for ensuring the quality of student experience in their clinical placements across programs - as these experiences are critically important to students' development as teachers. To that end, the faculty and staff work to support students in the development as teachers by coordinating partnerships with schools and other clinical placements, identifying and training cooperating teachers for the important work of mentoring new teachers, and working with faculty and observers to ensure alignment of placements to the curriculum and academic work of a teacher.

Candidates planning to enroll in clinical courses that require placement in schools and other educational settings must complete and submit a request form or online application to the OCE, which will assign students to one of our collaborating schools. The OCE arranges fieldwork and student teaching placements in New York City schools (within the five boroughs) and other educational settings. Clinical experience courses across programs require an online application with firm deadlines specific to each semester. Candidates are advised to plan ahead the semester prior to registering for a fieldwork, or student teaching. In addition, the OCE supports and prepares teacher candidates for the job market through career services, such as workshops and orientations on professional topics [e.g. resume writing and interviewing strategies] throughout the year.

For further information please email oce@hunter.cuny.edu

\section*{The Office of Partnership Programs}

The Office of Partnership Programs manages all of the alternative certification and partnership programs within the School of Education and supports students in these non-traditional programs. Working in partnership with a variety of local and national organizations, we offer special programs in a wide range of teacher certification areas and school leadership certification. Our special programs offer participants the opportunity to gain hands-on experience in schools while enrolled in graduate coursework at Hunter College and many provide subsidized tuition.

\section*{The Office of the Bursar}

\author{
238 Hunter North \\ (212) 772-4401 \\ www.hunter.cuny.edu/bursar ; bursar@hunter.cuny.edu
}

The Office of the Bursar collects all tuition and fees and other funds for the college in accordance with CUNY policies and procedures set forth by Federal, State, and City Government.

\section*{Method of Payment for Tuition and Fees}

Students may pay for tuition and fees by cash, check, or money order in person at the cashier windows; through the mail using a money order or check; online by credit card (MasterCard, American Express, VISA or Discover); or an EFT from a bank account. A \(2.65 \%\) processing fee is charged for each credit card transaction. All checks and money orders must be made payable to Hunter College in U.S. currency only and mailed to the Bursar's Office, 238N. The college will only accept payments of cash, checks and money orders at the Bursar Office cashier windows. Students can make payments online using their credit card or an electronic funds transfer from their bank checking/savings account. Additional details concerning payment options are available online at www.hunter.cuny.edu/bursar.

\section*{Financial Obligations}

Students are expected to settle their bill by the college's designated due dates. Pursuant to CUNY policy, students who have unsettled bills by the term start date may be subject to cancellation for non-payment. Student accounts that remain unpaid for one semester or more are turned over to the university's collection agency. Students who have a negative service indicator (stop) for unpaid balances will not be permitted to register for classes or obtain a transcript.

\section*{The Registrar's Office}

217 Hunter North
Web site: http://registrar.hunter.cuny.edu
The Office of the Registrar designs and implements efficient systems for student registration, class scheduling, and room assignments; creates and maintains accurate academic records, and ensures the integrity of the Hunter College degree.

The Office of the Registrar also accepts, processes or issues:
- Withdrawals with a grade of W up to the deadline published on the academic calendar;
- Permit application requests to attend classes at other colleges;
- Academic department-approved Major declaration forms;
- Change of Name, Preferred Name, Address and other personal information;
- Certification of attendance or graduation;
- Electronic graduation applications;
- Electronic transcript requests. There is a fee of \(\$ 7\) per transcript, except for transcripts sent to other units of the City University, which are free.
- Grades at the end of each term.

\section*{The Social Sciences Computing Laboratory}

\section*{Hunter East B118}
(212) 772-5605

The Social Sciences Computing Laboratory is located in Hunter East, Room B118, (enter through the Main Library) and facilitates computer-based teaching and research among the social science departments. The lab itself is used primarily as a computer classroom for social science departments, but is open to all Hunter students for walk-in hours
when available. Exact hours vary from week to week. The current and following week's walk-in hours are posted on the door and on the lab Web site. http://urban.hunter.cuny.edu/sscl/

\title{
The Sylvia E. Fishman Student Center
}

417 Hunter West
(212) 650-3282
http://www.hunter.cuny.edu/studentservices/sefsc
The Sylvia E. Fishman Student Center was created to provide a safe, friendly, educational, and supportive environment for all students and to help them create a strong foundation for their education. It offers programs, activities and services to enhance the academic experience for students. One of these is the Peer Advising Leadership Program, where trained student peer advisors provide assistance on understanding the Hunter's general liberal arts requirements and the many academic resources offered at the college. Many of the Peer Advisors are also involved in a variety of campus activities, such as officers of student clubs, and members of athletic teams, social, and academic honor societies. They offer a unique perspective on what it is like to be a Hunter student. In addition to academic advising, the Center is often reserved by other student services areas to provide information about their programs. These include sessions on career exploration, internship opportunities, Pre-Law information, and other student-based events. For more information see our Web site.

\section*{The Writing Center through Continuing Education at Hunter College}

The Writing Center through Continuing Education at Hunter College offers an exciting cultural showcase of writing workshops, special topic courses, and literary events since joining the CUNY Hunter community in September 2010. With specified classes for each literary genre, students at The Writing Center are educated on the literary field of their choice by successfully published authors from that same genre. In addition to helping students gain knowledge in classes, The Writing Center pushes to educate students outside of the typical classroom environment by offering free literary events throughout the semester where students have the unique opportunity to listen to their favorite authors speak and partake in a question and answer session with the audience.

For more information about the classes offered, call (212) 772-4294 or visit the Writing Center Web site at
http://www.hunter.cuny.edu/thewritingcenter-ce

\section*{Theatre}

Return to the Faculty of the School of Arts and Sciences

Barbara Bosch, Professor; PhD, California at Berkeley; American Theatre, Acting, Directing
Ian R. Calderon, Professor; MFA, Yale; Lighting Design, Visual Elements, Theatre Architecture, Dramatic Television
Dong-Shin Chang, Assistant Professor; PhD, NYU; Theatre History, Intercultural Performance, Race and Performance

Deepsikha Chatterjee, Lecturer; MFA, Florida; Costume History, Costume and Fashion Design, Technology, Costume Crafts, South Asian Clothing and Costume

\title{
Brad Krumholz, Lecturer; MPhil, CUNY Graduate Center; Production Management, Acting, Theatre History
}

Mira Felner, Professor; PhD, NYU; Theatre History, Acting and Directing Theory
Judith Jablonka, Lecturer; MFA, Case Western Reserve; Acting, Voice and Movement
Jonathan Kalb, Professor; DFA, Yale; Dramaturgy, Dramatic Criticism, Theatre History
Arthur Kopit, Visiting Professor; BA, Harvard; Playwriting
Bridget Mullins, Distinguished Lecturer; MFA, Yale; Playwriting
Claudia Orenstein, Professor and Chair; PhD, Stanford; Theatre History, Asian Theatre, Political Theatre

Mia Rovegno, Assistant Professor; MFA in Directing, Brown/Trinity Rep Consortium; Acting, Directing, Physical Theater, New Play Development

Louisa Thompson, Assistant Professor; MFA, Yale; Set and Costume Design

Return to the Theatre Department

\section*{Theatre Department Desciption}

\author{
Return to Theatre Department
}

The Department of Theatre studies stage production, the history and theory of theatre and drama, and the relationship among text, theory and performance. Theatre courses include acting, playwriting, directing, history, theory, design, production, creative drama and interdisciplinary performance. The curriculum was developed with an emphasis on professional standards within a liberal arts context.

The theatre major requires courses in practical hands-on work, as well as study of theoretical, critical, and historical approaches to theatre. Interdisciplinary courses include acting, lighting and design for theatre, film and television, adaptation for theatre and film, and comparative aesthetics. Students pursuing a major in theatre must work on theatre productions as part of their requirements for graduation.

Many students who graduate from the theatre program work as actors, directors, stage managers, and designers. Some of our students continue their creative study in conservatory or MFA programs. Others continue their education in history and theory as MA or PhD students.

The department maintains associations with major theatre institutions. Students have opportunities for placement as interns and apprentices with various professional groups.

\section*{Thomas Hunter Honors Program}

\author{
Spiro Alexandratos, Professor, Chemistry; BS Manhattan College, PhD California (Berkeley) \\ Elizabeth Beaujour, Professor, Russian and Slavic Division, Classical and Oriental Studies; BA Vassar, MA Certificate of Russian Institute, PhD Columbia \\ Richard Belsky, Associate Professor, History; BA Massachusetts (Amherst), MA Cornell, PhD Harvard \\ Anthony Browne, Associate Professor, Africana and Puerto Rican/Latino Studies; BA Cornell, MA California (Los Angeles), MA, PhD Columbia \\ Geoffrey Burleson, Associate Professor of Music; BMus Peabody, MMus New England Conservatory, DMA Stony Brook \\ Martin Chodorow, Professor, Psychology; BA Texas (Austin), PhD MIT \\ Sandra Clarkson, Professor of Mathematics and Statistics; MEd, EdD Georgia \\ Diana Conchado, Associate Professor, Romance Languages (Spanish); BA Hunter, MA, PhD Brown \\ Marlene Hennessy, Associate Professor, English; BA Bard, MA PhD Columbia \\ Nico Israel, Associate Professor, English; BA California (Los Angeles), PhD Yale \\ Bernadette McCauley, Associate Professor, History; BA Hunter, MA, PhD Columbia \\ Gerald Press, Professor, Philosophy; AB California (Berkeley), MA, PhD California (San Diego) \\ Joseph Roitberg, Professor, Mathematics and Statistics; BS City College, MS, PhD NYU
}

Laurence Shore, Associate Professor, Film and Media Studies; BA Witwatersrand (South Africa), MA
Pennsylvania, MA, PhD Stanford

Ida Susser, Professor, Anthropology; AB Barnard, MA Chicago, PhD Columbia

Jason Young, Associate Professor, Psychology; BA Indiana, PhD Minnesota

\section*{Thomas Hunter Honors Program (Special Honors Curriculum)}

This program provides superior students who are pursuing a Hunter BA degree with a course of study suited to their individual needs and interests. Open to students who have demonstrated academic excellence and an interest in interdisciplinary studies and who desire to be intellectually challenged, it offers the opportunity to design a personalized curriculum under the supervision of the Council on Honors. The program also offers its participants the chance to study with faculty members committed to working with outstanding undergraduates who wish to pursue interdisciplinary studies. For details, see the Thomas Hunter Honors Program.

\section*{Tranferring Graduate Coursework}

Graduate coursework is not transferrable to the undergraduate degree program.

\section*{Transfer (Advanced Standing) Admission}

Students who attended a regionally accredited college or university after graduation from high school must file a CUNY Transfer (Advanced Standing) application. Transfer applicants are considered for admission with advanced standing if they have a minimum of a 2.5 average; some programs may be higher. Applicants with fewer than 24 credits must also satisfy freshman admission criteria.

Nondegree students who are in attendance at Hunter College as well as those who were previously enrolled, in addition to meeting the above stated criteria, must have had a minimum grade point average of 2.0 in their Hunter coursework.

Transfer admissions decisions and determinations of advanced standing are made by the Hunter College Admissions Office on the basis of work done as a matriculated student at regionally accredited two- and four-year colleges and universities. Only courses in which a student has earned a grade of C or better ( D from CUNY colleges) can be accepted for transfer. Transfer credit will not be granted for any remedial, developmental or ESL coursework.

Graduate coursework is not transferrable to the undergraduate degree program.
Transfer students from CUNY community colleges who have earned an AA or AS degree are admitted to the college, awarded junior status and considered to have satisfied core course requirements. However, depending upon the major selected at Hunter, some students may need more than 60 additional credits in order to complete Hunter's bachelor's degree requirements. Transfer students from CUNY colleges who have not earned a two-year AA or AS degree and transfer students from non-CUNY colleges are awarded credit for previous work on a course-by-course basis. All transfer students, including those entering with CUNY AA and AS degrees, must fulfill the college's foreign language and Pluralism and Diversity, and Writing requirements.

The maximum total number of credits that may be transferred to Hunter College is 90 . There is a 70 -credit limit on the number of credits that may be transferred from two-year institutions.

Applicants are required to report and provide transcripts for all previous college coursework including coursework that was in progress at the time of application. Failure to do so may result in disciplinary action and the denial of transfer credit.

\section*{Transfer Students from CUNY Community Colleges}

Transfer students from CUNY community colleges who have earned an AA or AS degree are admitted to the college, awarded junior status and considered to have satisfied core course requirements. However, depending upon the major selected at Hunter, some students may need more than 60 additional credits in order to complete Hunter's bachelor's degree requirements. Transfer students from CUNY colleges who have not earned a two-year AA or AS degree and transfer students from non-CUNY colleges are awarded credit for previous work on a course-by-course basis. All transfer students, including those entering with CUNY AA and AS degrees, must fulfill the college's foreign language and Pluralism and Diversity, and Writing requirements.

The maximum total number of credits that may be transferred to Hunter College is 90 . There is a 70 -credit limit on the number of credits that may be transferred from two-year institutions.

Applicants are required to report and provide transcripts for all previous college coursework including coursework that was in progress at the time of application. Failure to do so may result in disciplinary action and the denial of transfer credit.

\section*{Transfer Students: Regionally Accredited College or University}

Students who attended a regionally accredited college or university after graduation from high school must file a CUNY Transfer (Advanced Standing) application. Transfer applicants are considered for admission with advanced standing if they have a minimum of a 2.5 average; some programs may be higher. Applicants with fewer than 24 credits must also satisfy freshman admission criteria.

\section*{Tuition and Fees}

\section*{Effective Fall 2016}

All tuition and fee charges listed in this catalog and in any registration materials issued by the college are subject to change by action of the Trustees of the City University of New York without prior notice.

Students who now live in New York State but have had an address out of the state must submit proof of New York State residency. New students submit their documentation to the Admissions Office and continuing students to the Registrar's Office. Applications for proof of New York State residency can be obtained in the Office of the Registrar, Room 217 Hunter North, Hunter College, 695 Park Ave., New York, NY 10065. If, at the time of registration, proof of New York State residence has not been approved, students must pay out-of-state tuition; if acceptable proof is submitted and subsequently approved by the Registrar's Office during the semester, a refund will be issued from the Bursar's Office.

Please note: Veterans who are not New York State residents are charged the same tuition rate as New York State residents for a period of 18 months from the first date of attendance at a CUNY college.

\section*{Undergraduate - Matriculated}

\section*{Resident}
\begin{tabular}{ll} 
Full-time & \(\$ 3,165 /\) semester \\
Part-time & \(\$ 275 /\) credit
\end{tabular}

\section*{Non-Resident}

Full-time
\$560/credit

Part-time
\$560/credit

\section*{Other Undergraduate}

\section*{NYS Resident}

Non-degree \(\$ 400 /\) credit
*Senior Citizen fee \(\quad \$ 65 /\) semester
or session (plus a \(\$ 15\) consolidated services fee)
*Enrollment on a "space available" basis only

\section*{Non-resident}

Non-degree
\$840/credit

\section*{Program Specific Fee (in addition to tuition)}

Post-baccalaureate Certificate in Health Careers Preparation
NYS Resident full-time
\(\$ 500 /\) semester

NYS Resident part-time
Non-NYS Resident

> Graduate - other than Master's in Social Work (MSW), Nursing (MS) and Accounting (MS),
> Education (MA and MS), Master of Fine Arts
> (MFA) in Studio Art and Doctor of Nursing
> Practice (DNP) and Doctor of Physical
> Therapy (DPT) and Doctor of Education in Instructional Leadership (EdD)
> Resident

Full-time

Part-time

Excess hours

Non-Resident

Full-time

Part-time

Excess hours

Maintenance of Matriculation:

Residents

Non-Residents

Non-Resident

Full-time

Full-time

Part-time
\$5,065/semester
\$425/credit
\$65/hour
\$780/credit
\$780/credit
\$85/hour

\title{
Masters in Social Work (MSW) and Doctor of Nursing Practice (DNP) \\ Resident
}
\$6,685/semester
\$560/credit

\title{
Master's in Nursing (MS) and Master's in Accounting (MS)
}

Resident
\begin{tabular}{ll} 
Full-time & \(\$ 5,065 /\) semester \\
Academic excellence fee & \(\$ 500 /\) semester \\
Total per semester full-time & \(\$ 5,565\)
\end{tabular}

Part-time \$425/credit
Academic excellence fee \(\$ 50 /\) credit
Total per semester part-time \$475
Non-resident

Full-time or part-time
Academic excellence fee
\$780/credit

Total per credit full- or part-time
\$90/credit

\section*{Master's in Arts (MA), Master's in Science (MS) and Advanced Certificates in Education which prepare candidates for initial certification in the categories of:}
- General Education across Adolescent, Childhood, and Early Childhood levels
- Special Education across Adolescent, Childhood, and Early Childhood levels
- Creative Arts Education and TESOL across K-12 levels
- As well as Master's in Science (MS) Degrees in the programs of School Counseling and Mental Health Counseling

Resident
\begin{tabular}{ll} 
Part-time & \(\$ 425 / \mathrm{credit}\) \\
Academic Excellence Fee & \(\$ 50 / \mathrm{credit}\) \\
Total per credit part-time & \(\$ 475 / \mathrm{credit}\)
\end{tabular}

Non-resident
\begin{tabular}{ll} 
Full-time & \(\$ 780 / \mathrm{credit}\) \\
Part-time & \(\$ 780 / \mathrm{credit}\) \\
Academic Excellence Fee & \(\$ 50 / \mathrm{credit}\) \\
Total per credit full- or part-time & \(\$ 830 / \mathrm{credit}\)
\end{tabular}

\section*{Master of Fine Arts (MFA) in Studio Art}

\section*{Resident}
\begin{tabular}{ll} 
Full-time & \(\$ 5,065 /\) semester \\
Academic Excellence Fee & \(\$ 40 /\) credit
\end{tabular}

Part-time \$425/credit

Academic Excellence Fee \(\quad \$ 40 /\) credit

Total per credit part-time \$465

Non-resident
\begin{tabular}{ll} 
Full-time & \(\$ 780 / \mathrm{credit}\) \\
Part-time & \(\$ 780 / \mathrm{credit}\) \\
Academic Excellence Fee & \(\$ 40 / \mathrm{credit}\) \\
Total per credit (full- or part-time) & \(\$ 820 / \mathrm{credit}\)
\end{tabular}

\section*{Doctor of Physical Therapy (DPT)}

\section*{Resident}
\begin{tabular}{ll} 
Level I (7 or more credits) & \(\$ 5,460\) \\
Level I part-time & \(\$ 625 /\) credit \\
Level II full-time only & \(\$ 3,770\)
\end{tabular}

\section*{Non-resident}
\begin{tabular}{ll} 
Level I and Level II & \(\$ 985 /\) credit \\
Level II full-time only & \(\$ 7,240\)
\end{tabular}

Excess Contact Hours for Graduate courses that have more contact hours than credit hours

NY State residents
non-NY State residents

Doctor of Education in Instructional Leadership

\section*{Resident}

Full-time

\$7,620

Part-time (6 credits)

Per credit

Non-resident
\begin{tabular}{ll} 
Full-time & \(\$ 11,880\) \\
Part-time (6 credits) & \(\$ 5,940\) \\
Per credit & \(\$ 990\)
\end{tabular}

\section*{Combined BA-MA Program:}

Students in combined programs are charged the undergraduate rate for undergraduate credits and graduate rate for graduate credits to a maximum of the full-time rate for graduate students required to earn a combined BA-MA degree in that particular program. A combined BA-MA degree ranges from 120 to 141 credits.

\section*{Student Activity Fees}

Fall and Spring
Undergraduate full-time ..... \(\$ 85.10\)
Undergraduate part-time ..... \(\$ 55.05\)
Graduate ..... \(\$ 13.45\)

\section*{Summer}
Undergraduate part-time ..... \$27.15
Graduate ..... no fee

\section*{Other Required Fees}

\section*{Consolidated Services Fee:}
All students, including Senior Citizens ..... \$15
Technology Fee:
All students, except College Now and Senior Citizens
Full-time ..... \(\$ 125.00\)
Part-time ..... \(\$ 62.50\)
General Fees
Late Payment Fee ..... \(\$ 15.00\)
Late Registration Fee ..... \$25.00
Change of program fee ..... \(\$ 18.00\)
Maintenance of matriculation (Resident) ..... \(\$ 210.00\)
Maintenance of matriculation (Non-resident and foreign) ..... \(\$ 340.00\)
Excess hours - contact hours in excess of credit hours - (Residents) ..... \$65/hour
Excess hours - contact hours in excess of credit hours - (Non-Residents) ..... \$85/hour
Duplicate Identification Card Fee ..... \(\$ 10.00\)
Special Examinations Fee - first each semester ..... \$25.00
Special Examinations Fee-each additional after the first exam ..... \(\$ 5.00\)
Thesis Binding Fee ..... \(\$ 15.00\)
Duplicate Receipt Fee ..... \(\$ 5.00\)
Transcript Fee ..... \(\$ 7.00\)
Readmission (except graduate non-matriculated) ..... \$20.00
Readmission (graduate non-matriculated) ..... \(\$ 125.00\)
Returned check/EFT Reprocessing Fee ..... \(\$ 20.00\)

Material Fee

Certain courses such as laboratory or studio courses, have a material fee. These fees are listed in the course description for each applicable course. The fees will be included in the student's bill and are payable to the bursar.

\section*{Refunds}

\section*{Cancellation Policy}

The college's cancellation policy is both published on our website (www.hunter.cuny.edu/bursar/tuition-fees/cancellation-of-classes) and detailed on student's online bills. The policy is also outlined in the schedule of classes.

CUNY Policy This policy relates to all students who withdraw from courses prior to the 1st day of the 4th week of class. The refund policy is as follows:
- \(100 \%\) tuition and fees prior to 1 st official day of term
- \(75 \%\) tuition only prior to 1 st day of 2 nd week of term (fees are not refundable)
- \(50 \%\) tuition only prior to 1 st day of 3rd week of term (fees are not refundable)
- \(25 \%\) tuition only prior to 1 st day of 4 th week of term (fees are not refundable)

Federal Title IV Funds/Pro-Rata Refunds Students who completely and officially withdraw or unofficially withdraw from ALL their class(es) and received Federal Financial Aid are subject to a Return of Title IV Funds Calculation. The college will calculate how much Title IV aid has been earned by the student based on a period of attendance. The unearned portion of the Title IV funds must be returned to the Department of Education by the college and the student. It is recommended that all students who have financial aid and plan to withdraw from classes seek the advice of the Office of Financial Aid before taking any action.

\section*{Special Provisions for Students in the Military}

The following policies apply to students who leave CUNY to fulfill military obligations. Military personnel for whom these provisions apply must register each semester with the Veterans Affairs representative in Student Affairs, Room 1119 Hunter East.

\section*{Students called up to the reserves or drafted before the end of the semester}
1. Grades In order to obtain a grade, a student must attend 13 weeks (five weeks for summer session).
2. Refunds A student called up to the reserves or drafted who does not attend for a sufficient time to qualify for a grade is entitled to a \(100 \%\) refund of tuition and all other fees except application fees.

\section*{Students who volunteer (enlist) for the military}
1. Grades Same provision as for students called up to the reserves. In order to obtain a grade, a student must attend 13 weeks (five weeks for summer session).
2. Refunds The amount of the refund depends upon whether the withdrawal is before the 5th week of classes.
1. Withdrawal before beginning of the 5th calendar week (3rd calendar week for summer session): \(100 \%\) refund of tuition and all other fees except application fees.
2. Withdrawal thereafter: \(50 \%\) refund.

\section*{Other Provisions for Military Service:}
1. Resident Tuition Rates These lower rates are applicable to all members of the armed services, their spouses and their dependent children, on full-time active duty and stationed in the State of New York.
2. Re-enrollment of Veterans Veterans who are returning students are given preferred treatment in the following ways:
1. Veterans who were former students with unsatisfactory scholastic records, may be readmitted with a probationary program.
2. Veterans, upon their return, may register even after normal registration periods, without late fees.
3. Granting of college credit for military service and armed forces instructional courses.
4. Veterans returning too late to register may audit classes without charge.
3. Late Admissions Veterans with no previous college experience are permitted to file applications up to the date of registration and are allowed to begin classes pending completion of their application and provision of supporting documents.
4. Readmission Fee Upon return from military service, a student will not be charged a Readmission Fee to register at the same college.
5. Veterans Tuition Deferrals Veterans are entitled to defer the payment of tuition pending receipt of veterans' benefits.
6. New York National Guard Tuition Waivers Active members of the New York National Guard, who are legal residents of New York State and who do not have a baccalaureate degree, are eligible for a tuition waiver for undergraduate study
7. For additional information, see the CUNY Office of Veterans Affairs.

\section*{Types of Majors Offered for Bachelor's Degree}

\section*{Departmental Majors}

BA Degree These are majors concentrated within one department or program. \(n\) order to graduate, a student must have a minimum GPA of 2.0 in the courses designated for the major. Major departments may have higher requirements. Each student should consult the major department for details and also check the department's description of the major in the catalog.

The following are departments and/or programs that offer majors leading to the BA degree.
\begin{tabular}{ll} 
Anthropology & History \\
Art & Italian \\
Biology & Latin \\
Chemistry & Mathematics \\
Chinese & Music \\
Classical Studies & Philosophy \\
Computer Science & Physics and Astronomy \\
Dance & Political Science \\
Economics & Psychology \\
English & Russian \\
Film and Media Studies & Sociology \\
French & Spanish \\
Geography & Statistics \\
German & Theatre \\
Greek &
\end{tabular}

\title{
Undergraduate Degrees and Graduate Degrees Offered by the School of Urban Public Health
}

The Hunter School of Urban Public Health offers undergraduate degrees in Community Health - BS and Nutrition and Food Science - BS, an Accelerated BS/MS in Nutrition (DPD), a Dietetic Internship. It also offers a Master of Science (MS) degree in Nutrition (NUTR-MS). The MS degree in Nutrition (NUTR-MS) is an accredited didactic program in dietetics (DPD), and is designed for individuals seeking to become eligible to sit for the national registration examination in dietetics to become credentialed as a Registered Dietitian (RD). (Please see the Graduate catalog catalog.hunter.cuny.edu/content.php).

\section*{Undergraduate Research}

Hunter College is committed to supporting undergraduates who are interested in participating in research. The Office of the Provost coordinates several initiatives to support undergraduate research including: the Undergraduate Research Initiatve which supports student-faculty research collaborations; an annual Undergraduate Research Conference that recognizes and celebrates student-faculty research; and Presidential funding initiatives for summer and semester-long
research experiences within and outside Hunter. Hunter faculty strive to expose and socialize students to the broader research community by taking them to scientific meetings and co-authoring publications in peer-reviewed journals, activities that foster the development of future scientific leaders.

Hunter currently has several large institutional grants that provide unique educational opportunities for students who have been traditionally underrepresented in research, particularly members of racial/ethnic minorities, students with disabilities, women, those who are the first generation of their family to attend college, veterans, and students with demonstrated financial need. These programs offer students critical resources such as mentors, professional development workshops, tuition coverage, stipends, and much more to help them succeed as they pursue their undergraduate degree - and prepare them for graduate study and careers in research, teaching or the health professions. A list of current programs follows:

\section*{AstroCom NYC}

The AstroCom NYC program is for students who have an interest in pursuing a career in physics and astronomy. The program matches students with long-term mentors to work with peers on real astrophysics research. The program offers training on all aspects of the field, offering summer research experience, a fellowship that stretches through the academic year and summer, a personal research laptop, and support for travel to observatories and conferences around the world. For more information, please visit http://cunyastro.org/astrocom.html.

\section*{BEST 4.0}

BEST 4.0 is a program for nursing students who are committed to academic excellence as a scholar. The program is designed to enhance academic achievement and graduate individuals from underrepresented groups in nursing. The program targets Hunter College students taking nursing pre-requisite courses and Hunter Bellevue School of Nursing students. The BEST model allows students to channel their professional experience, educational training, and academic ability to complete scholarly endeavors and assume leadership positions in the nursing workforce. For more information, please visit http://www.hunter.cuny.edu/nursing/initiatives/best.

\section*{BP-ENDURE (Blueprint Program for Enhancing Neuroscience Diversity through Undergraduate Education)}

The BP-ENDURE program is designed to encourage and prepare undergraduate students from diverse backgrounds to enter into and succeed in PhD programs in the neurosciences. The BP-ENDURE program, administered through Hunter College, is conducted in partnership with New York University, Brown University, University of Michigan, and Vanderbilt University to expose BP-ENDURE-trainees to a research-intensive curriculum and an environment of active research. During the academic year students will work with a research mentor at Hunter or NYU and during the summer in one of the partnering institutions. The BP-ENDURE program selects students from both Hunter College and NYU to participate. Hunter students will receive funding in the form of tuition remission and a stipend during the academic year and will also receive summer funding. For more information, please visit http://www.bpendure.org.

\section*{DIDARP (Diversity-promoting Institutions Drug Abuse Research Program)}

Through educational enrichment and research experience, DIDARP (formerly "MIDARP") encourages minority students to pursue careers in drug abuse research. Students work in the laboratory of a DIDARP investigator. For additional information, please contact Vanya Quinones-Jenab at vanya.quinones@hunter.cuny.edu.

\section*{HHMI (Howard Hughes Medical Institute)}

Hunter/HHMI offers economically disadvantaged undergraduate biology majors the opportunity to work in a faculty member's research lab at Hunter College as Hunter/HHMI Undergraduate Scholars. Hunter/HHMI also offers two summer research internships for undergraduate biology majors: the Marine Biological Laboratory in Woods Hole, MA, and the Cold Spring Harbor Laboratory on Long Island. For more information, please contact Dan Kleinman at kleinman@genectr.hunter.cuny.edu and/or visit http://www.hunterhhmi.com

\section*{LSAMP (Louis Stokes Alliance for Minority Participation)}

The Louis Stokes Alliance for Minority Participation is an alliance of 17 CUNY colleges and the CUNY Graduate Center. Students participate in faculty research and receive mentoring from senior faculty. For additional information, please contact Angela Padilla at npadilla@hunter.cuny.edu and/or visit http://projectstem.net

\section*{MARC (Maximizing Access to Research Careers)}

The MARC program trains talented students in biomedical research and encourages them to pursue PhDs in this field. Students are offered a short introductory course in biomedical research, the opportunity to participate in faculty research, and the opportunity to present at the Annual Biomedical Research Conference for Minority Students. For additional information, please visit http://: http://marc.hunter.cuny.edu

\section*{MBRS-RISE (Minority Biomedical Research Support-Research Initiative for Scientific Enhancement)}

The MBRS-RISE program offers research experience and academic and financial support for undergraduate and graduate students at Hunter. For additional information visit rise.hunter.cuny.edu.

\section*{McNair Scholars Program}

The Ronald E. McNair Scholars Program program prepares eligible undergraduates for doctoral studies through involvement in research and scholarly activity. Participants acquire the skills and knowledge required for admission to graduate school and the successful completion of graduate studies. For additional information, please visit www.hunter.cuny.edu/menair

\section*{McNulty Scholars Program}

At the core of the McNulty Scholars (John P. McNulty Scholars Program for Excellence in Science and Math) program is the determination to create challenging learning environments that will inspire ambitious young people to reach the top ranks of science and math professions. The McNulty Scholars program aims to encourage students who are motivated in science and math to aspire to leadership positions across industry and academia. The McNulty Scholars program endeavors to support students who have a commitment to the advancement of women in math and science. For more information please contact Latifa Fletcher at Lf708@hunter.cuny.edu.

\section*{Mellon-Mays Undergraduate Fellowship (MMUF)}

The Mellon Foundation's original purpose for establishing the MMUF Program has been to rectify the problem of the underrepresentation of Blacks, Latinos, and Native Americans in the faculties of this country's colleges and universities. Involvement in the program means one-on-one mentoring with a Hunter faculty member, collaborating with a mentor in research projects and teaching, and curriculum development, attending professional conferences, and having opportunities to study or conduct research either at other universities in the United States or in international settings abroad during the academic year or the summer months. The hope is that such an experience will give students an enjoyment in a field of study and an advanced working knowledge about graduate programs and the academic profession, all of which will encourage them to pursue and obtain a PhD and enter one of this nation's colleges or universities as faculty members. For more information please visit www.hunter.cuny.edu/mmuf

\section*{RAISE-W (Resource Assisted Initiatives in Science Empowerment for Women)}

The RAISE-W program seeks to address training, productivity, and skills acquisition in all students interested in the empowerment and retention of women in the science, technology, engineering, and mathematics (STEM) fields. Program participants engage in 15-20 hours weekly hands-on research training in laboratory experiments with a faculty mentor. Students also interact with successful scientists during workshop sessions and receive private one-on-one executive coaching. There will be a one-day program orientation during the month of August. Students will have 8 sessions with their executive coach, and must attend semi-annual group meetings (one fall, the other spring). The coaching sessions are scheduled based on individual student schedules and in consultation with coaches. This is a two year commitment. All students who are engaged in a research lab are eligible to apply. For additional information, please visit http://www.raisew.org.

\section*{Undergraduates Taking Graduate Courses}

With permission from appropriate academic advisers, highly qualified undergraduates may take graduate level courses for credit toward the bachelor's degree. Contact an adviser if this is something you would like to do. If you later do not use the graduate course toward your undergraduate degree, you may be able, with permission, to transfer the credit toward a Master's degree. In this case, there may be financial implications. No course may be used for both an undergraduate and a graduate degree.

\section*{Unofficial Withdrawal}

When a student ceases to participate in a course but has not withdrawn officially, the student shall be deemed to have withdrawn unofficially. Evidence of unofficial withdrawal shall include all of the following: failure to attend class for at least four weeks consecutively (or during the summer session, two weeks consecutively) through the end of the semester (the last day of classes); failure to attend the final exam; and failure over this period to meet any other course requirements (e.g., to submit paper assignments and take examinations). The unofficial withdrawal ("WU") by university regulations is equivalent to a grade of F . Cessation of attendance or unofficial withdrawal may also have negative financial aid consequences.

\title{
Urban Policy and Planning
}

Return to the Faculty of the School of Arts and Sciences

Thomas Angotti, Professor, Urban Policy and Planning Director of the Center for Community Planning and Development; BA Indiana State, MA, PhD Rutgers

John Chin, Professor, Urban Policy \& Planning; Director of the Master of Urban Planning (MUP) Program; MS The New School of Social Research, PhD, MPhil Columbia

Jill S. Gross, Associate Professor, Urban Policy and Planning; BA SUNY (Cortland), MSC London School of Economics, PhD CUNY

Owen Gutfruend, Associate Professor, Director of Master of Science in Urban Affairs Program; BA Vassar, PhD Columbia

Victoria Johnson, Associate Professor, Urban Policy and Planning; BA Humboldt-Universitat(Berlin, Germany); Ph.D. Columbia University

Peter Kwong, Distinguished Professor, Urban Policy and Planning; BA Whitman, BS, MA, PhD Columbia

Matthew G. Lasner, Associate Professor, BA Columbia, MS London School of Economics; PhD Harvard

Lynn McCormick, Associate Professor, Urban Policy and Planning; BS, MS Wisconsin (Madison), PhD MIT

Edwin Melendez, Professor; BA University of Puerto Rico, Rio Piedras Economics, MA University of CA, PhD University of Massachusetts

William Milczarski, Associate Professor, Urban Policy and Planning; BS St. Peter's, MCRP Rutgers, PhD Michigan (Dearborn)

Stanley Moses, Professor, Urban Policy and Planning; BA City College, MA Hunter, PhD Syracuse

Laxmi Ramasubramanian, Associate Professor, Urban Policy and Planning; M.Arch Anna University (India), MCP MIT, PhD Wisconsin (Milwaukee)

Sigmund Shipp, Associate Professor, Urban Policy and Planning; BS Howard, MA Johns Hopkins, PhD Cornell

Susan Turner-Meiklejohn, Associate Professor, Urban Policy and Planning; BA, MUP SUNY (Buffalo), PhD Michigan (Ann Arbor)

Joseph P. Viteritti, Thomas Hunter Professor of Public Policy and Chair, Urban Affairs and Planning; BA Hunter, PhD CUNY

Elaine Walsh, Associate Professor, Urban Policy and Planning; BA Pace, MS, DSW Fordham

Ryan Yeung, Assistant Professor, Urban Policy and Planning; BA Amherst College; MPA New York University; Ph.D. Syracuse University

Return to Department of Urban Policy and Planning

\section*{Visiting Students}

Students currently in attendance at other than CUNY colleges who wish to take courses at Hunter College may enroll as visiting students. Visiting students attend Hunter in a nondegree classification and are subject to the same rules and regulations. Along with the Application for Nondegree Admission, visiting students must present to the Office of Admissions a college transcript indicating the completion of at least 24 academic credits.

CUNY students wishing to take courses at Hunter should file an E-Permit at their home school.

\section*{Withdrawal from College}

Students who become ill or who experience personal difficulties or a lack of interest that prevents their concentrating on college work, are encouraged to withdraw completely from college. Failure under such conditions can only make an eventual return to college more difficult. Deadlines for such withdrawals are the same as for withdrawals from part of the program (see above).

Such students should make an appointment to see a counselor in the Office of Advising, Room 1119 East Building. Students must return books to the library and all college equipment to the department to which it belongs. Students who are unable to return to Hunter to withdraw in person should write or have someone else write to the Office of Advising. The letter should contain (1) the name under which the student is registered at Hunter; (2) the Social Security number; (3) the return address and telephone number; (4) the reason for withdrawal, with appropriate documentation (medical, psychological or employee) and the last date of attendance; and (5) a copy of the Bursar's receipt.

Students who stop attending without following the above procedures are considered to have withdrawn unofficially and will receive WUs, which are equivalent to Fs in computing the GPA.

Students whose GPA at the time of withdrawal is below the minimum required for continued matriculation shall be considered as having been dropped for poor scholarship. Students who have withdrawn from the college, officially or unofficially, must apply for readmission in the Office of Admissions, Room 203 HN , at least three months prior to the semester in which they wish to re-enter.

\section*{Withdrawal from Part of Program}

The Board of Trustees has ruled that students have until the end of the third week of classes (or during the summer session, the end of the first week of classes) to drop a course without penalty. This period coincides with the refund period. The course will not appear on the student's record. A student may withdraw officially, with a grade of "W," between the end of the third week of classes and the first day of the tenth week of classes. (During the summer session a student may withdraw officially between the second week of classes and the first day of the fifth week of classes.) To do so, a student should obtain a withdrawal form from the OASIS, Room 217 HN. After the deadline, official withdrawals will be considered for approval by the Office of Advising. Approval will be granted only when it is clear that the student has good and sufficient reason for withdrawing. Students should be aware that withdrawal from classes may have an impact on their financial aid. A student should make an appointment with an adviser in the Office of Advising, Room 1119 East Building, before proceeding with the withdrawal process. The problem often has other solutions.

\section*{Women and Gender Studies}

Return to the Faculty of the School of Arts and Sciences

Return to the Women and Gender Studies Program

\section*{Affiliated Faculty}

Abramovitz, Miriam. Professor, Social Work; BA Michigan (Dearborn), MSW, DSW Columbia
Acampora, Christa Davis. Associate Professor, Philosophy; BA Hollins, BA, PhD Emory
Alcoff, Linda Martin. Professor, Philosophy; BA, MA Georgia State, PhD Brown
Alexander, Meena. Distinguished Professor, English; BA Khartoum (Sudan), PhD Nottingham (UK)
Alfar, Cristina L. Associate Professor and Chair, English; BA, MA Cal State (Fresno), PhD Washington
Ancona, Ronnie. Professor, Classical Studies, Classical and Oriental Studies; BA, MA Washington, PhD Ohio State

Anderson, Kelly. Associate Professor, Film and Media Studies; BA Brown

Angotti, Thomas Professor, Urban Affairs; Director of the Center for Community Planning and Development; BA Indiana State, MA, PhD Rutgers

Browne, Anthony. Associate Professor and Chair, Africana and Puerto Rican/Latino Studies; BA Cornell, MA California (Los Angeles), MA, PhD Columbia

Calabritto, Monica. Associate Professor, Romance Languages; Dottore in Lettere, Università di Pisa (Italy), MA, PhD CUNY

Chancer, Lynn S. Professor and Chair, Sociology; AB Princeton, PhD CUNY

Chin, Margaret M. Associate Professor, Sociology; BA Harvard-Radcliffe, MA, PhD Columbia
Chinn, Sarah. Associate Professor and Chair, English; BA Yale, MA, PhD Columbia

Chodorow, Martin. Professor, Psychology; BA Texas (Austin), PhD MIT

Conchado, Diana. Associate Professor, Romance Languages (Spanish); BA Hunter, MA, PhD Brown

Contreras, Eduardo. Assistant Professor, History; BA Amherst, MA, PhD Chicago
Costa, Marithelma. Professor, Romance Languages (Spanish); BA SUNY (Albany), MA Columbia, PhD CUNY

Creed, Gerald. Professor, Anthropology; BA Duke, MA, PhD CUNY
DeFour, Darlene. Associate Professor, Psychology; BA Fisk, MA, PhD Illinois

Denis-Rosario, Milagros. Assistant Professor, Africana and Puerto Rican/Latino Studies; BA University of Puerto Rico, M.P.S. Cornell, Ph.D. Howard University

DeSalvo, Louise. Jenny Hunter Professor in Creative Writing and Literature, English; BA Douglass, MA, PhD NYU

Ender, Evelyne. Professor, Romance Languages; PhD Universite De Paris VIII.
Epstein, Susan L. Professor, Computer Science; BA Smith, MS NYU, MS, PhD Rutgers

Erickson, Kenneth Paul. Professor, Political Science; BA Michigan (Ann Arbor), PhD Columbia
Fasoli, Paolo. Associate Professor and Chair, Romance Languages (Italian); Dottore in Lettere Università di Roma II (Italy), PhD Toronto (Canada)

Felner, Mira. Professor, Theatre; BA, MA, PhD NYU

Filer, Randall. Professor, Economics; BA Haverford, MA, PhD Princeton

Fischer, Maria Luis. Associate Professor, Romance Languages (Spanish); Licenciatura en Literatura General (Chile), PhD Boston

Gold, Tami. Professor, Film and Media; BA Friends World College

Gregg, Veronica M. Associate Professor, Africana and Puerto Rican/Latino Studies; BA West Indies, MA Queens (Canada), PhD Kent (UK)

Green, Tamara M. Professor, Classical Studies, Classical and Oriental Studies; BA, MA, PhD NYU

Gross, Jill S. Associate Professor, Urban Affairs and Planning; BA SUNY (Cortland), MSC London School of Economics, PhD CUNY

Hampton, Barbara. Professor, Music; BMus Howard, MA California (Los Angeles), PhD Columbia Hayashida, Jennifer. Distinguished Lecturer, Asian American Studies

Harding, Cheryl. Professor, Psychology; BA Bucknell, PhD Rutgers
Hurewitz, Daniel. Assistant Professor, History; BA California, MA Harvard, PhD California (Los Angeles)

Huselid, Rebecca Farmer .Associate Professor, Psychology; BA Sterling College, MA Cal State (Fresno), PhD Kansas

Iweriebor, Ehiedu. Professor, Africana and Puerto Rican/Latino Studies; BA, MA Ibadan (Nigeria), PhD Columbia

Jenkins, Candice. Associate Professor, English; BA Spelman, PhD Duke
Keating, Laura. Associate Professor and Chair, Philosophy; BA Michigan State, MA, PhD Ohio State

Kwong, Peter. Distinguished Professor, Urban Affairs and Planning; BA Whitman, BS, MA, PhD Columbia
Marasco, Robyn. Assistant Professor, BA Smith College, PhD University of California, Berkeley

Margulies, Ivone. Associate Professor, Film and Media Studies; MA Fed. Univ. of Rio de Janeiro (Brazil), MA, PhD NYU

Masini, Donna. Associate Professor, English; BA Hunter, MA NYU

McCormick, Lynn. Associate Professor, Urban Affairs and Planning; BS, MS Wisconsin (Madison), PhD MIT
McLaughlin, Kenneth J. Associate Professor, Economics; BA Ohio State, MA, PhD Chicago

Mizrahi, Terry. Professor, Social Work; BA NYU, MSW Columbia, PhD Virginia
Newton, Lina. Assistant Professor, Political Science; BA Wesleyan, MA, PhD California (Irvine)

Nickitas, Donna. Associate Professor, Nursing; BSN SUNY (Stony Brook), MA NYU, PhD Adelphi
Parsons, Jeffrey T. Professor, Psychology; BA, MA, PhD Houston
Patti, Janet. Professor, Curriculum and Teaching; BA, MS Hunter, EdD Northern Arizona
Paynter, Maria G. Professor, Romance Languages (Italian); BA Iona, MA, PhD Toronto (Canada)

Peterson, Nadya L. Associate Professor, Russian and Slavic Division, Classical and Oriental Studies; MA Moscow State, MA, PhD Indiana

Pinedo, Isabel. Associate Professor, Film and Media Studies; BA St. John's, MA Chicago, PhD CUNY

Poppendieck, Janet. Professor, Sociology; BA Duke, MSW, PhD Brandeis
Reyes, Angela. Assistant Professor, English; BA Michigan State, MSEd Penn State, PhD Pennsylvania

Roberts, Lynn. Assistant Professor, Health Sciences; BS Howard, PhD Cornell
Sautman, Francesca. Professor, Romance Languages (French); BA Barnard, MA, PhD California (Los Angeles)

Schor, Laura S. Professor, History; BA Queens, MA, PhD Rochester
Sevak, Purvi. Associate Professor, Economics; BS Cornell, MA, PhD Yale
Sidel, Ruth. Professor, Sociology; AB Wellesley, MSW Boston, PhD Union
Smoke, Trudith M. Professor, English; BA Queens, MA, PhD NYU
Somerville, Carolyn M. Associate Professor, Political Science; BA, MA, PhD Michigan
Stone, Pamela. Associate Professor, Sociology; BA Duke, MA, PhD Johns Hopkins
Susser, Ida. Professor, Anthropology; AB Barnard, MA Chicago, PhD Columbia
Thompson, Jewel. Professor, Music; BS Virginia State, MA, PhD Eastman School of Music
Valian, Virginia. Distinguished Professor, Psychology; BA Michigan (Ann Arbor), MA, PhD Northeastern
Walsh, Elaine. Associate Professor, Urban Affairs and Planning; BA Pace, MS, DSW Fordham
Webb, Barbara. Associate Professor, English; BA Bryn Mawr, MA, PhD NYU

\section*{Women and Gender Studies Program Description}

Return to Women and Gender Studies

The Hunter College Women and Gender Studies Program is an interdisciplinary academic program that seeks to preserve, expand and share knowledge about women and gender. The Program reexamines the historical record to make visible women's contributions to the world's knowledge and cultures.The Women and Gender Studies Program seeks to create an understanding of the ways in which gender intersects with race, religion, class, ethnicity, ability and sexual orientation to shape all human experience, including the pursuit of learning.

The Women and Gender Studies Program includes a broad community of faculty, affiliated faculty, students, and staff and is administered by a director and a policy committee of elected faculty and student representatives. Most courses in the program are cross-listed in an academic department; these have been developed through the initiative of Women and Gender Studies-affiliated faculty throughout the college.

The Women and Gender Studies Program draws on the commitment and expertise of feminist scholars in more than 15 academic departments for our wide range of course offerings. The Women and Gender Studies major is useful, directly and indirectly, in all fields involving an analysis of society and social interaction. Women and Gender Studies graduates may seek employment in any field, including such areas as health care, counseling, advertising, market research, publishing, teaching, public service, advocacy or administrative work. The major is an appropriate preparation for professional schools and for postgraduate work in Women and Gender Studies or in one of the many disciplines from which the major draws its curriculum.

\section*{Writing Across the Curriculum}

The Writing Across the Curriculum (WAC) Program at Hunter includes consultation on writing pedagogy provided by experts in the field; the CUNY WAC Fellows Program, a collaboration between fellows from the CUNY Graduate Center and Hunter faculty in the effort to address issues of writing in the disciplines; and the services of the Reading/Writing Center, which offers tutoring in academic writing across the curriculum to students and consultation with faculty on student writing. The Writing Across the Curriculum Program is founded on the principle that students
learn by writing: they learn to write by engaging in a variety of academic writing activities, and they learn subject matter by writing about it. For more information about the program, contact the coordinators at (212) 772-4014 or (212) 772-5742, or go to the program Web site: Writing Across the Curriculum```


[^0]:    Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.

[^1]:    A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.
    Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
    prereq: FILM 10100

[^2]:    Law is a central feature of political, social, and economic life. The legal studies minor will prepare students embarking on careers in government, business, or the non-profit sector to think broadly and critically about the nature of law. It will also be extremely helpful for any students planning to pursue graduate study focusing on law or legal institutions, in a wide variety of disciplines. The legal studies program places an emphasis on developing students' communication skills, interdisciplinary scholarship and a commitment to connect undergraduate education to advanced career opportunities. The core of the legal studies minor, though, is a commitment to the study of law within the liberal arts tradition.

    While there are many ways for students to prepare successfully for law school, an advantage of the legal studies minor is its ability to help the college identify students planning to apply to law school, to ensure that these students receive guidance on the application process as early as possible, and to give them a solid foundation when they enter law school.

[^3]:    Pluralism and Diversity
    PD/A
    Analysis of literary works of Puerto Rican authors and their images of Puerto Rican society.
    prereq: ENGL 12000 and reading knowledge of Spanish

[^4]:    Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age. prereq: ENGL 12000, CLA 20400
    3 hrs
    3 cr .

[^5]:    Hunter Core
    I\&S
    Pluralism and Diversity
    PD/B
    Critical nterdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of

[^6]:    Frequent paragraphs and essays: organizing, correcting grammar and sentence structure. Placement test required.
    6 hrs + conf
    1 cr .

[^7]:    Pluralism and Diversity
    PD/C
    Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

[^8]:    Language lab mandatory.
    There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
    and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
    prereq: ITAL 10200 or 2 yrs high school Italian
    3 hrs
    3 cr .

[^9]:    Grammar review, composition oral practice. prereq: SWA 10200 or demonstrated competence in speaking and writing
    3 hrs
    3 cr .

[^10]:    Appendix I: Hunter Core Requirement

[^11]:    Qualified medical lab science seniors may apply to the BS/MA collaboration: Medical Laboratory Sciences with Specialization in Biotechnology - Accelerated BS/MA between the department of Medical Laboratory Sciences and the department of Biological Sciences. An intensive techniques workshop (BIOL 61000 -see the graduate catalog) is taken

[^12]:    Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.
    prereq: perm dept.

[^13]:    a. Completion of developmental courses;

[^14]:    Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
    prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
    4 hrs
    $4 c r$.

[^15]:    Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

[^16]:    The Concentration in Creative Writing ( 39 cr ) is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 25200 Introduction to Literary Studies (3 cr), five required courses in literature ( 15 cr ), at least four creative writing workshops ( 12 cr ), and three electives ( 9 cr ). The five literature requirements are: 1) ENGL 33800; 2) ENGL 39500, 39600, or 39700; 3) ENGL 31800, 32000, 32100, 32400,32500 , or $32700 ; 4$ ) ENGL 30600,33100 , 33200 , or 34000 ; and 5) One 300- or 400- level English course with a focus in literature or rhetoric before 1800. The first workshop for ALL students is the 3-genre workshop ENGL 30000: Introduction to Creative Writing, which must be passed with a grade of B or higher in order to qualify for this concentration. After successfully completing ENGL 30000, students are required to take a minimum of three additional

[^17]:    Hunter Core
    Life and Physical Sciences (LPS); Scientific World (SW)
    Pluralism and Diversity
    GER 2/E
    Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

